

#7



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Vidal *et al.*

Appl. No. 09/988,821

Filed: November 20, 2001

For: **Cable Installation**

Confirmation No. 8685

Art Unit: 3662

Examiner: (to be assigned)

Atty. Docket: 1757.0260001

**Letter to PTO Draftsman: Submission of Formal Drawings**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are fifty-three (53) sheets of formal drawings with Figures 1, 2A, 2B, 3-53, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN &amp; FOX P.L.L.C.

Michael B. Ray  
Attorney for Applicants  
Registration No. 33,997

Date: 6/17/02

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Washington, D.C. 20005-3934  
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Art. No. 1757.0260001; Group Art Unit: 3662  
Inventor(s): Vidal *et al.*; Tel: 202/371-2600  
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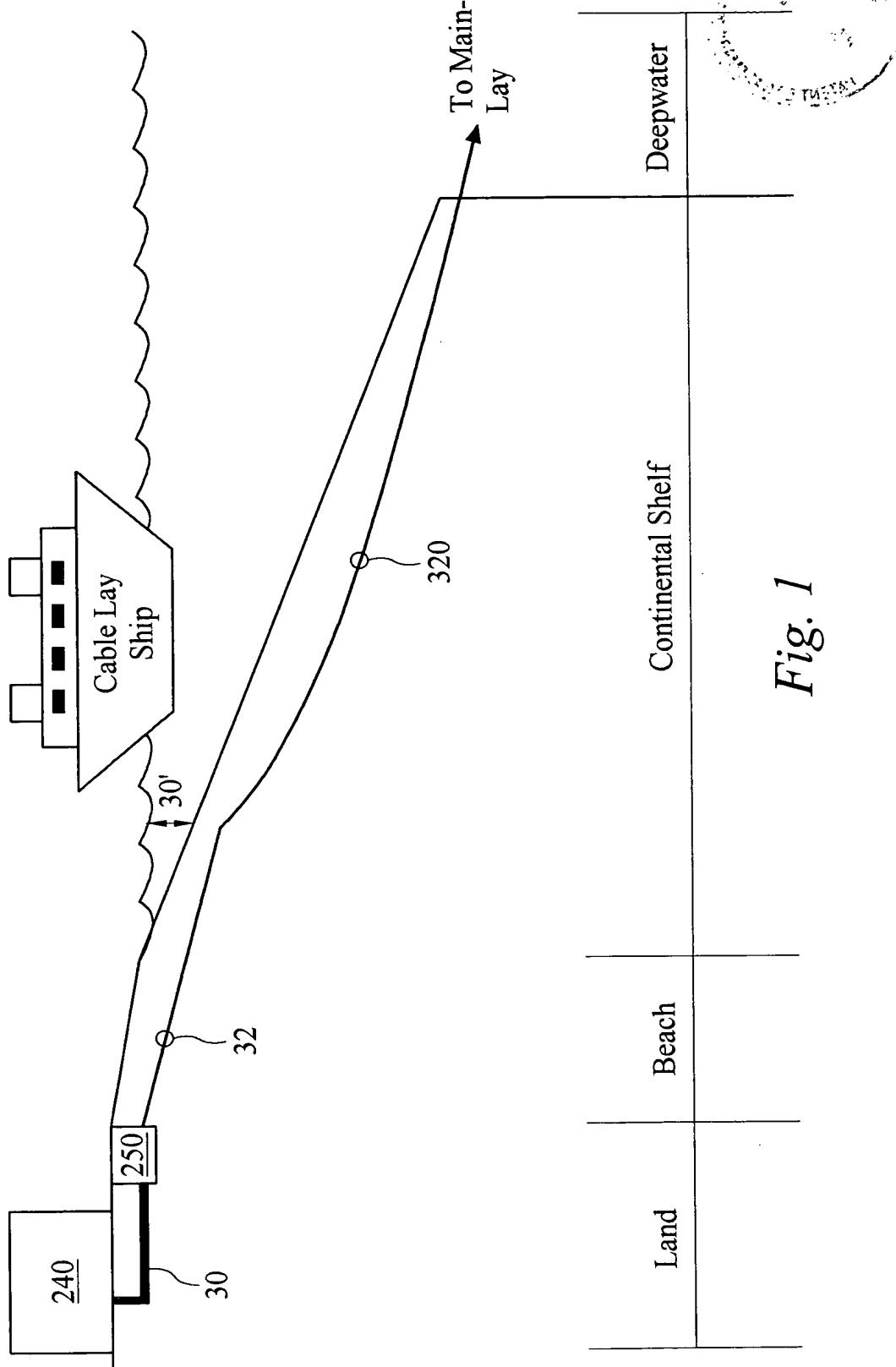


Fig. 1

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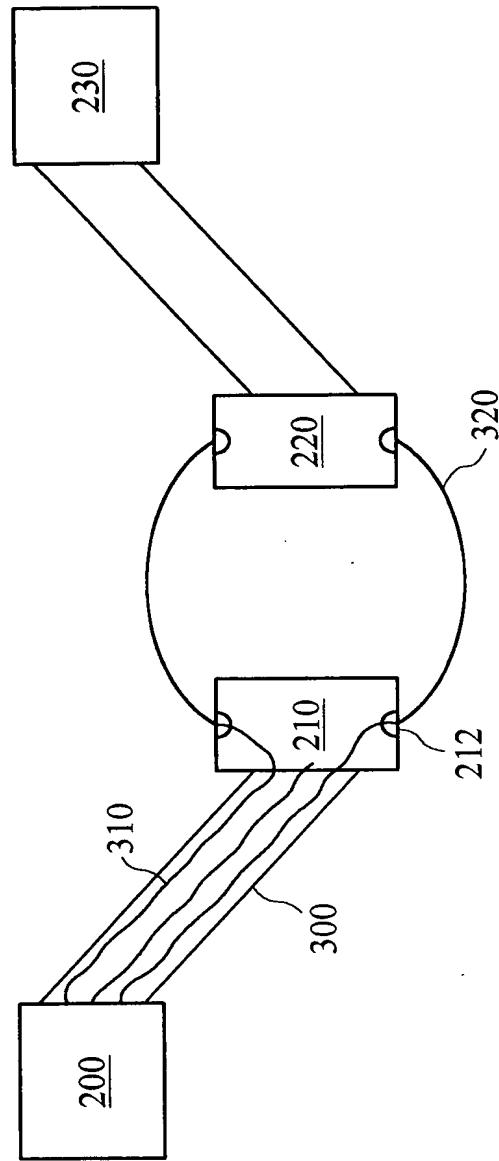


Fig. 2A

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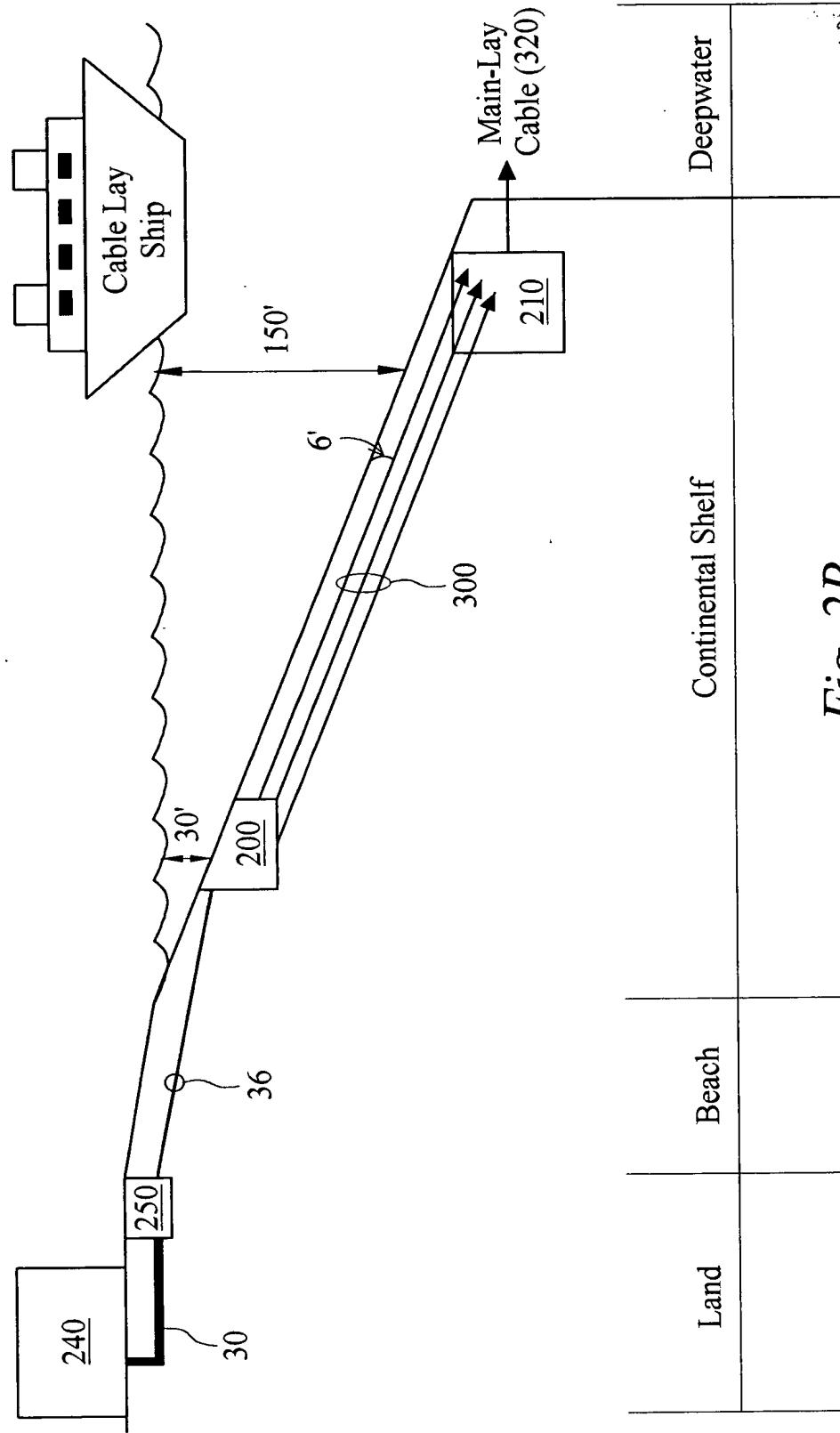


Fig. 2B

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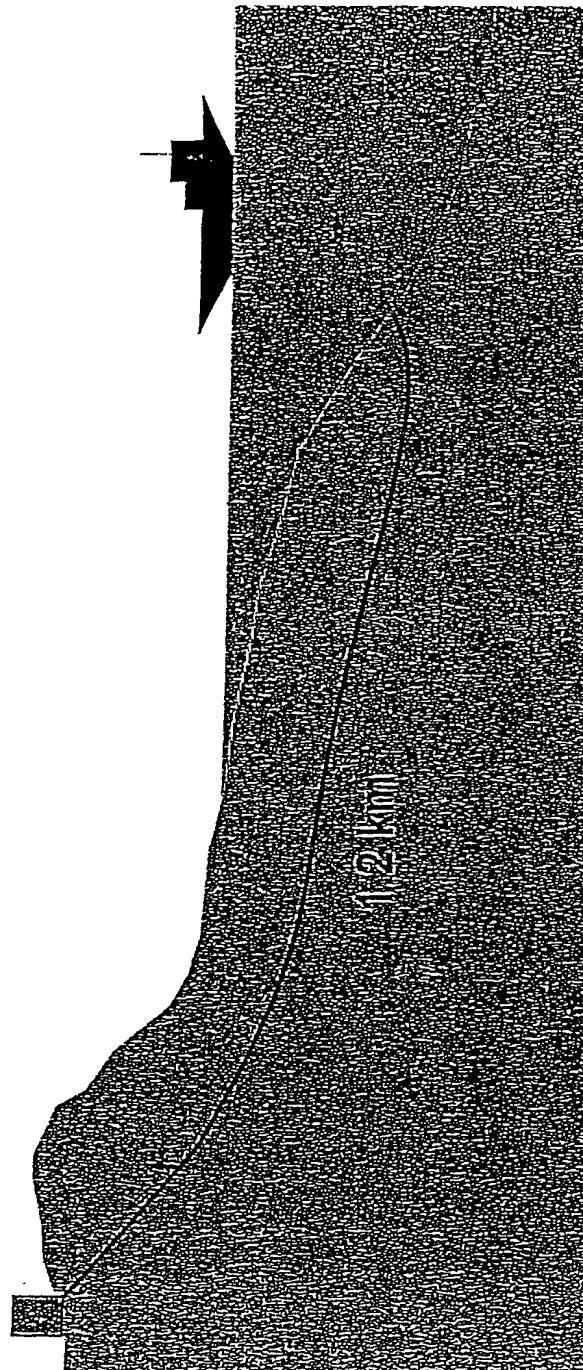


Fig. 3

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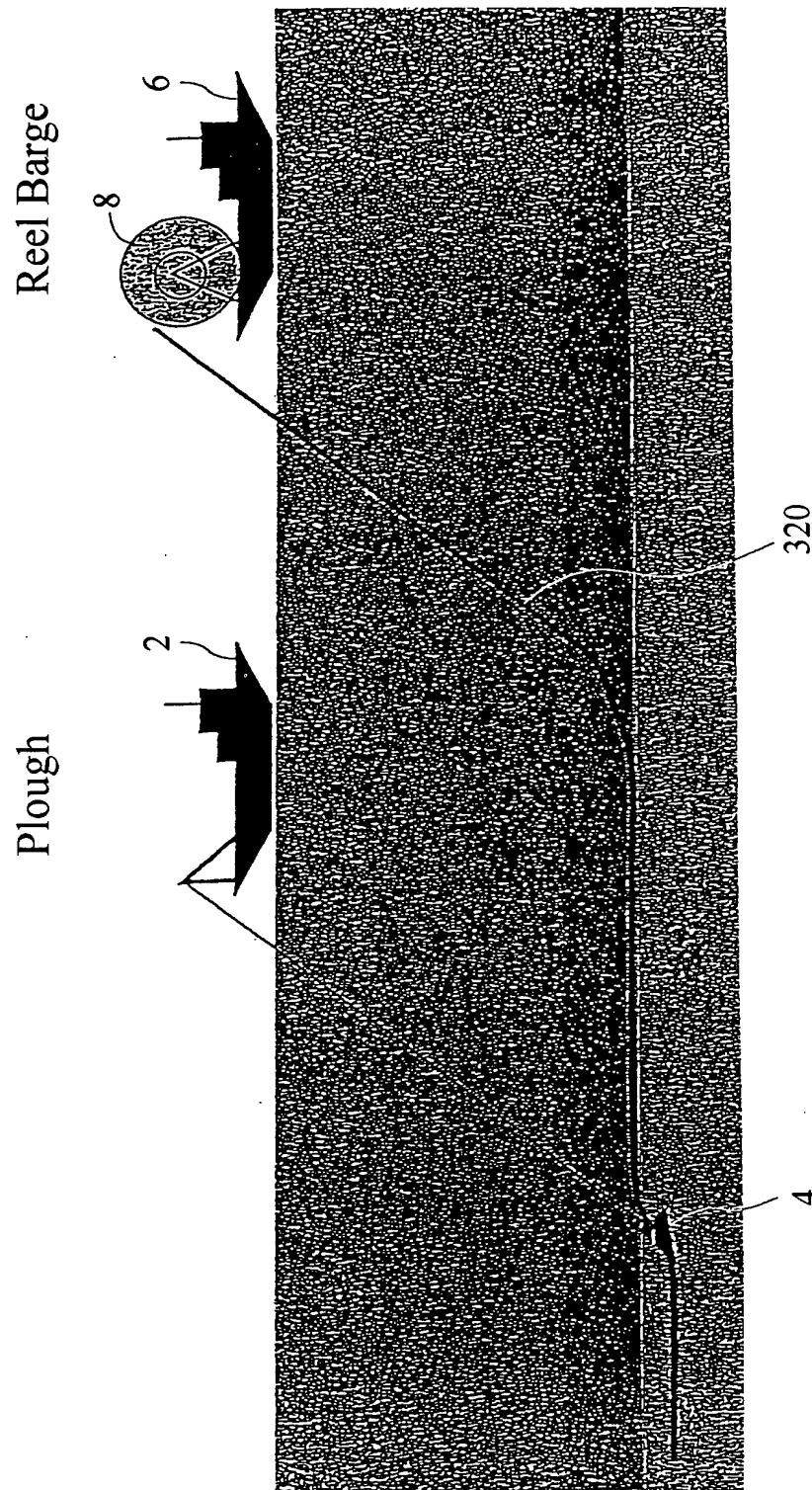


Fig. 4

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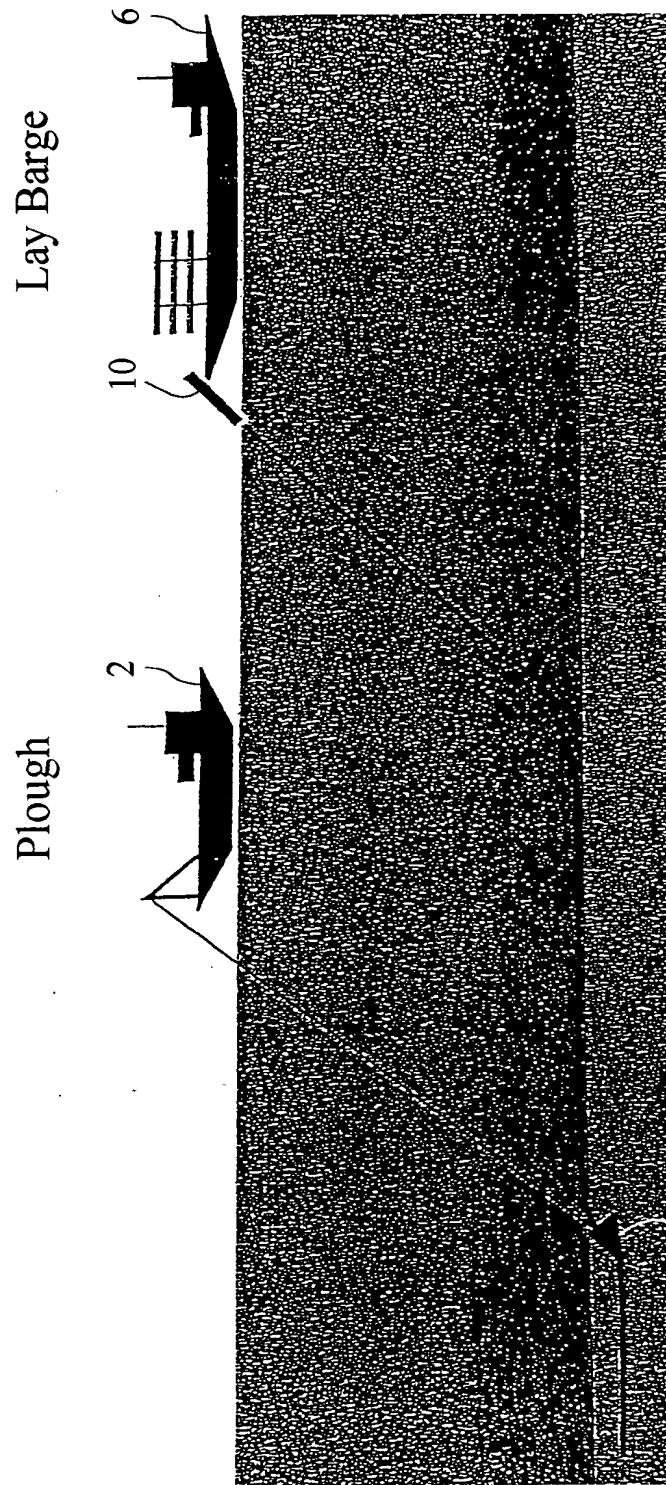


Fig. 5

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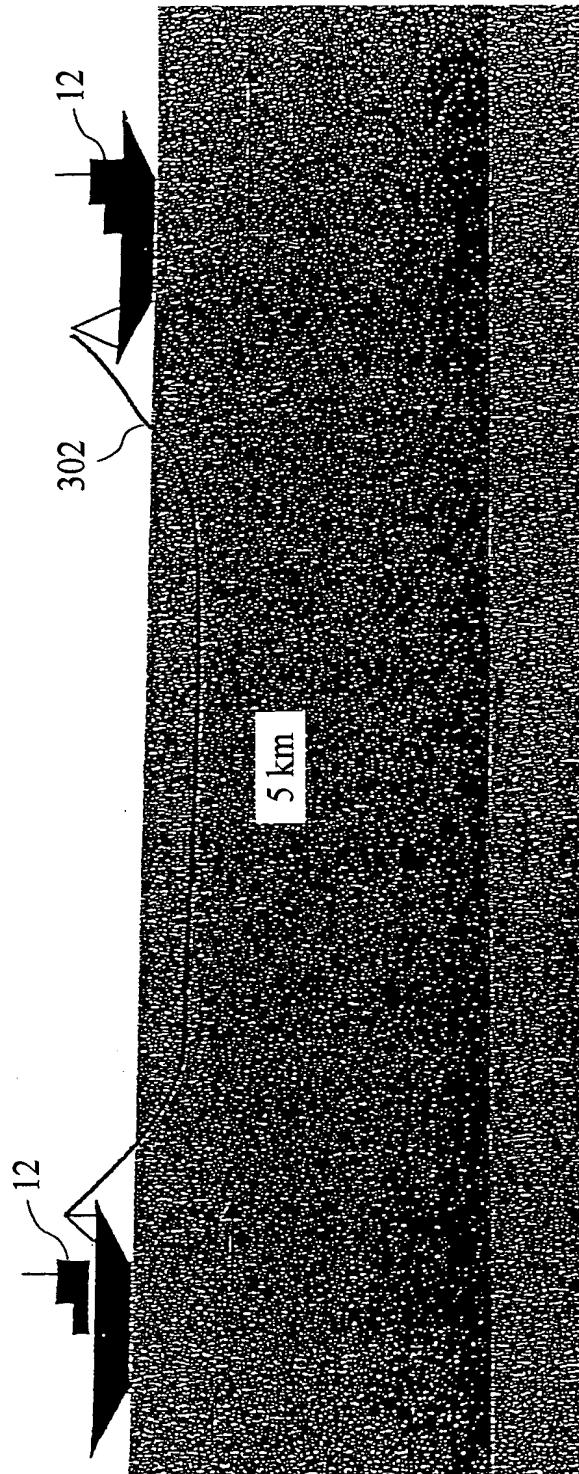
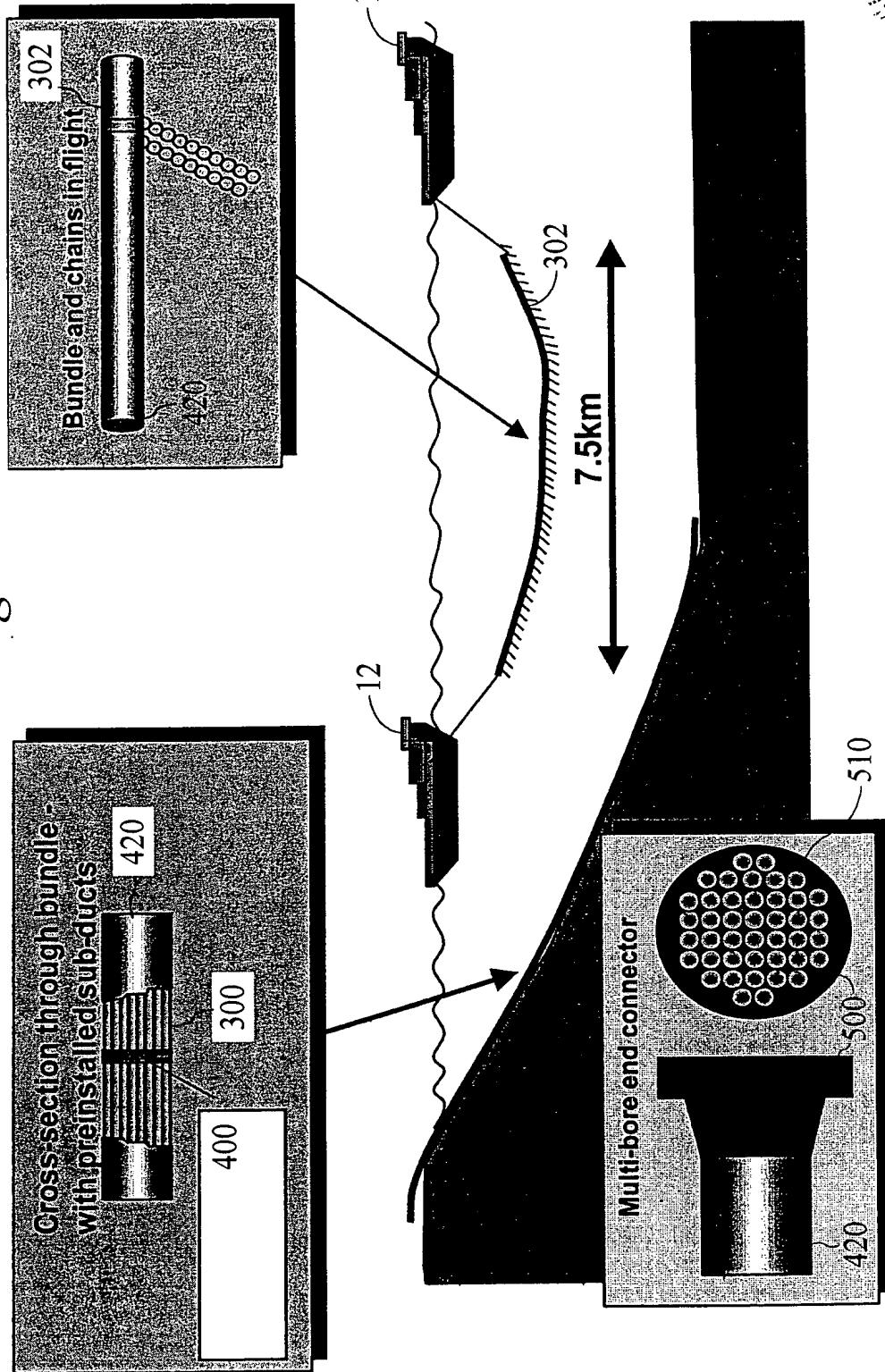


Fig. 6

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Fig. 7



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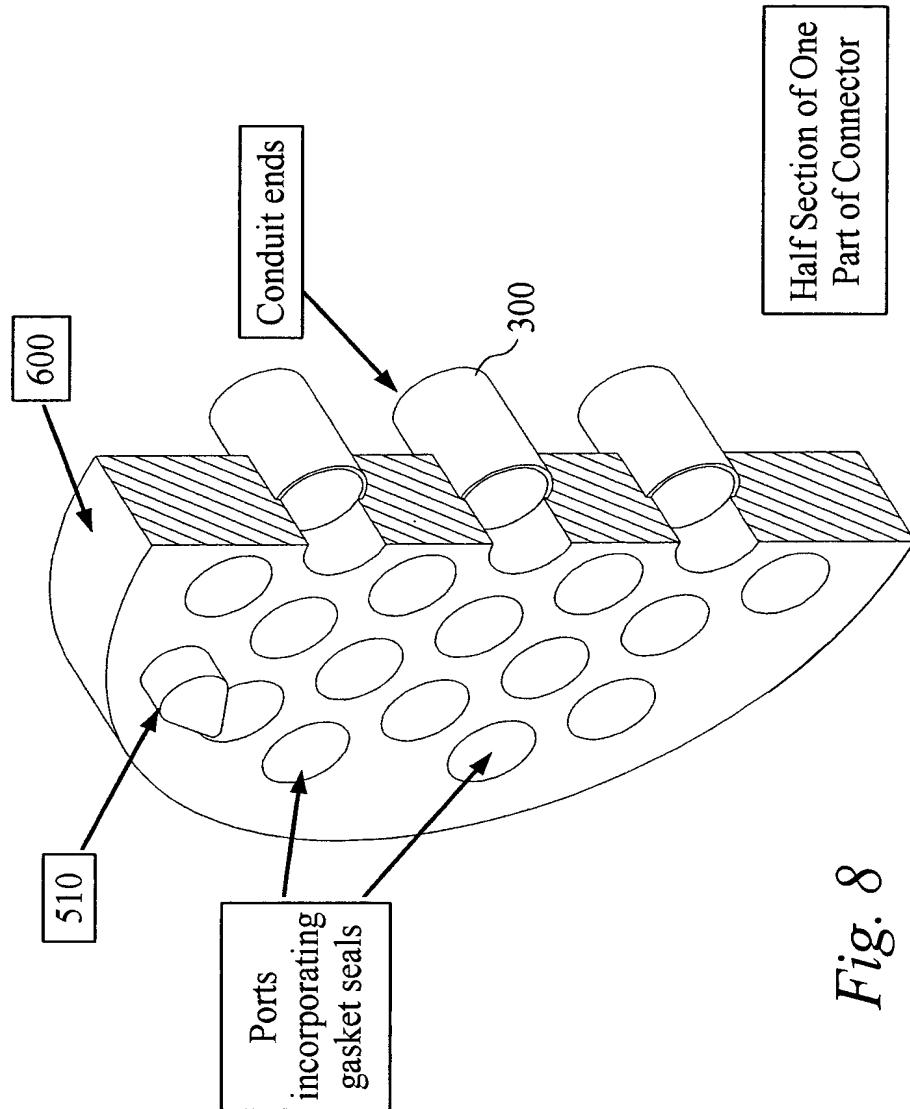


Fig. 8

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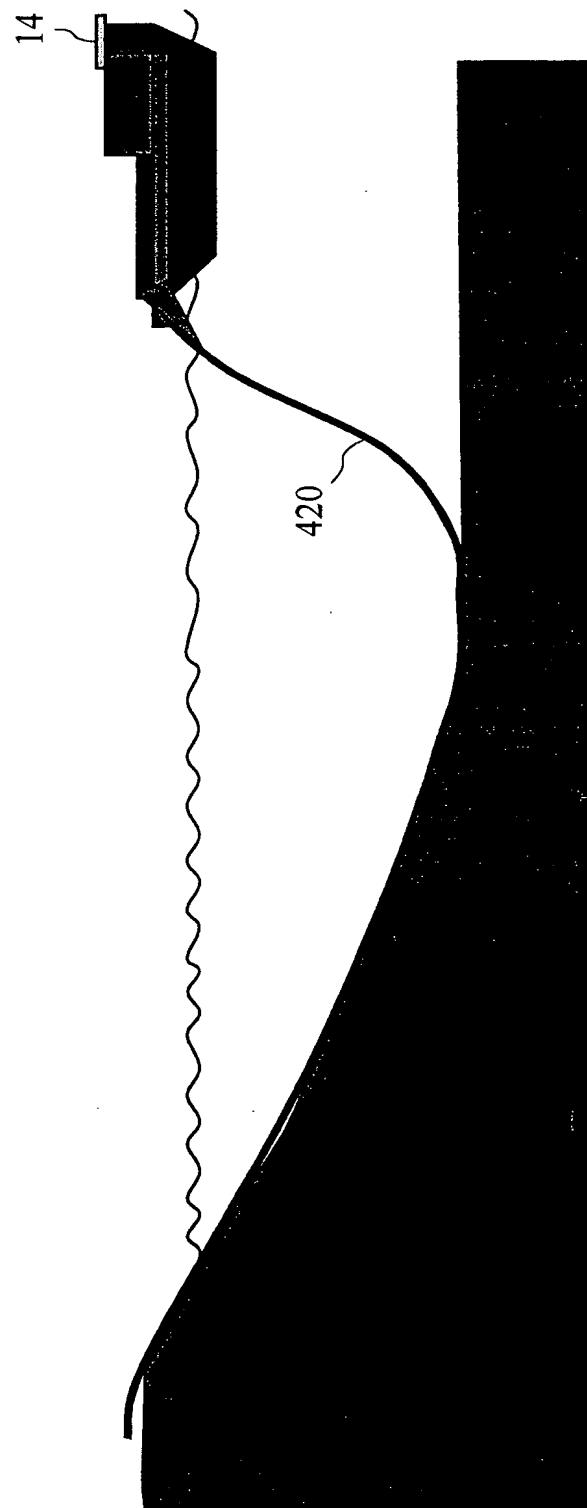


Fig. 9

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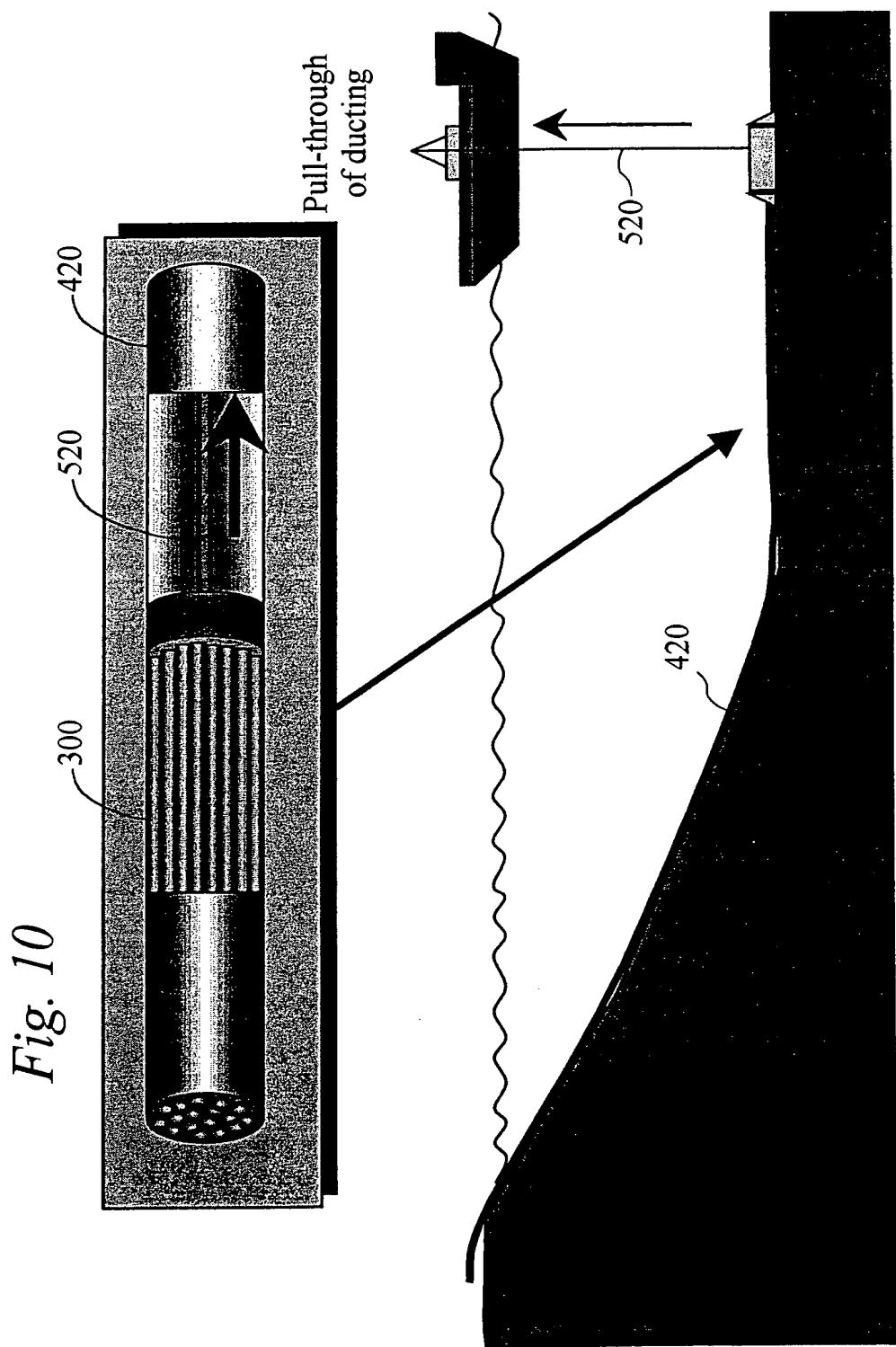


Fig. 10

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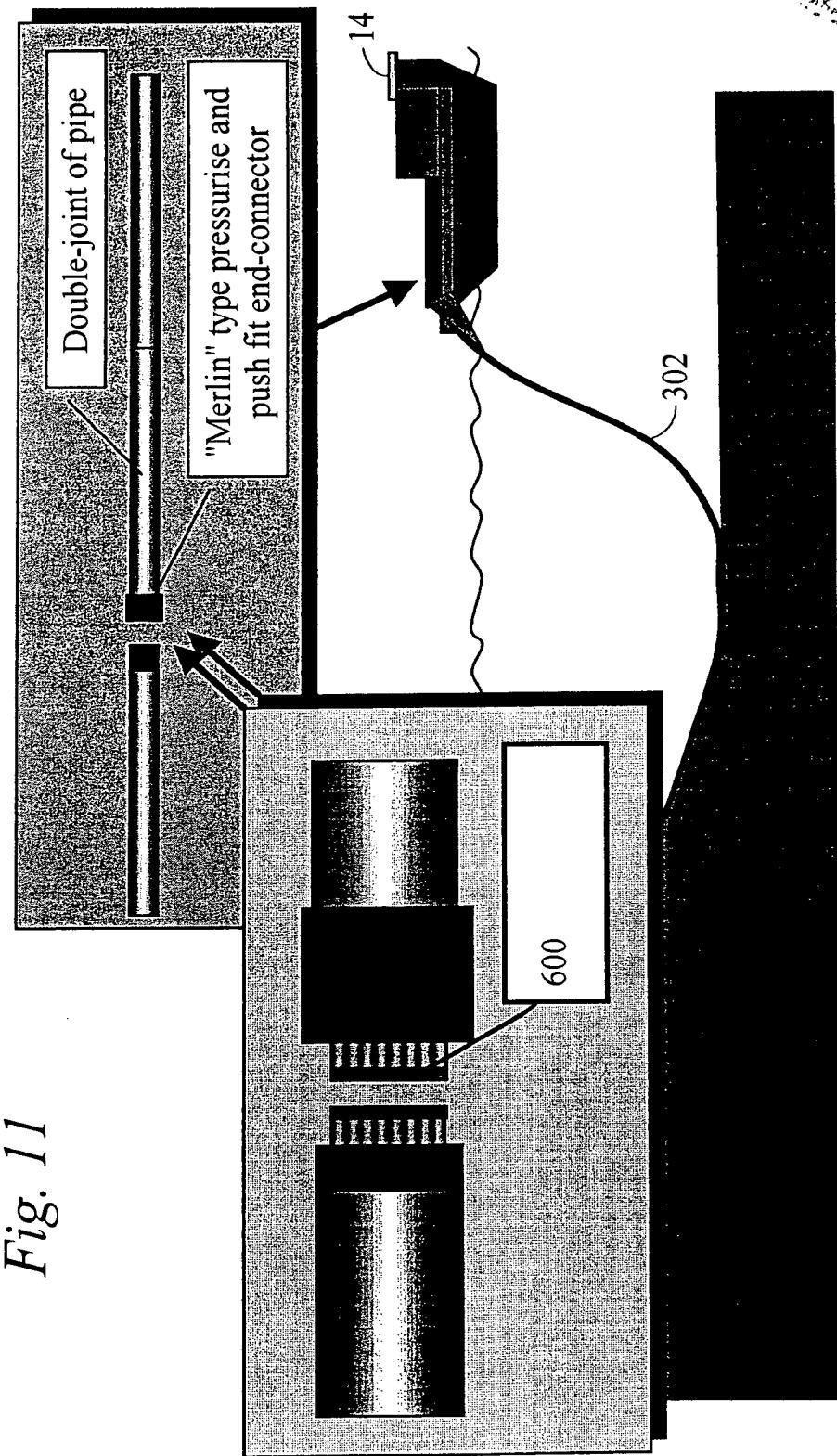
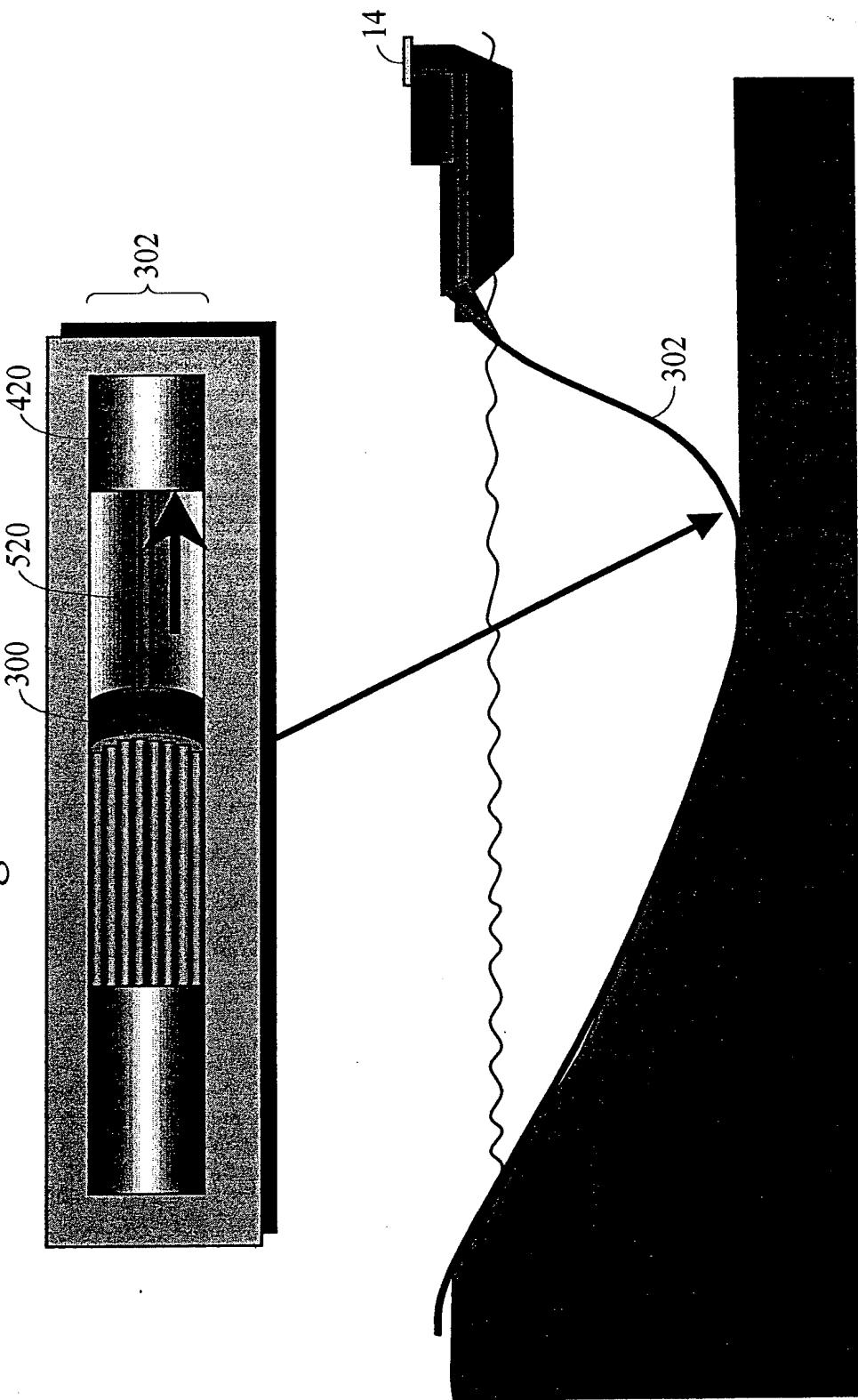


Fig. 11

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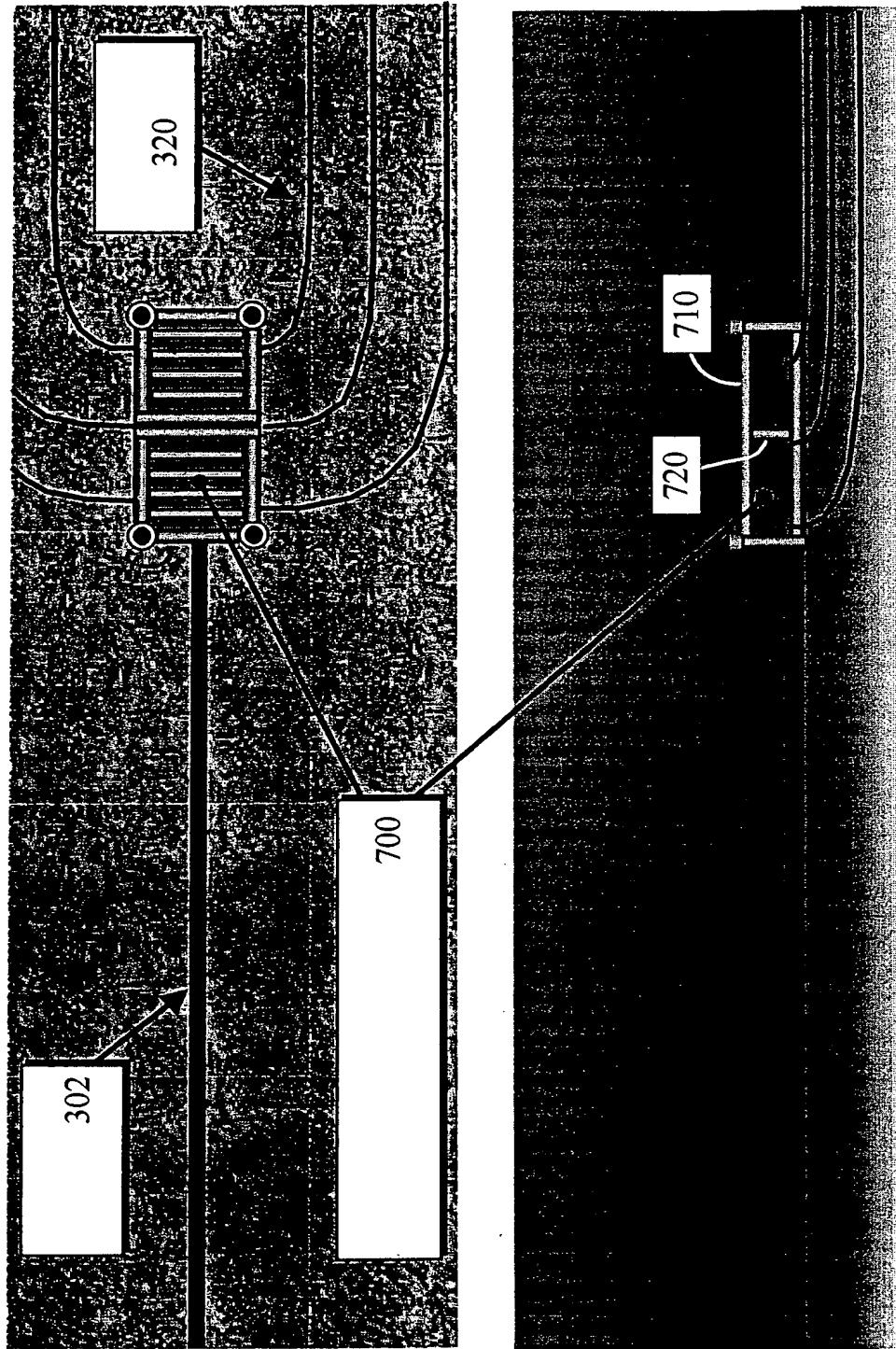
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Fig. 12



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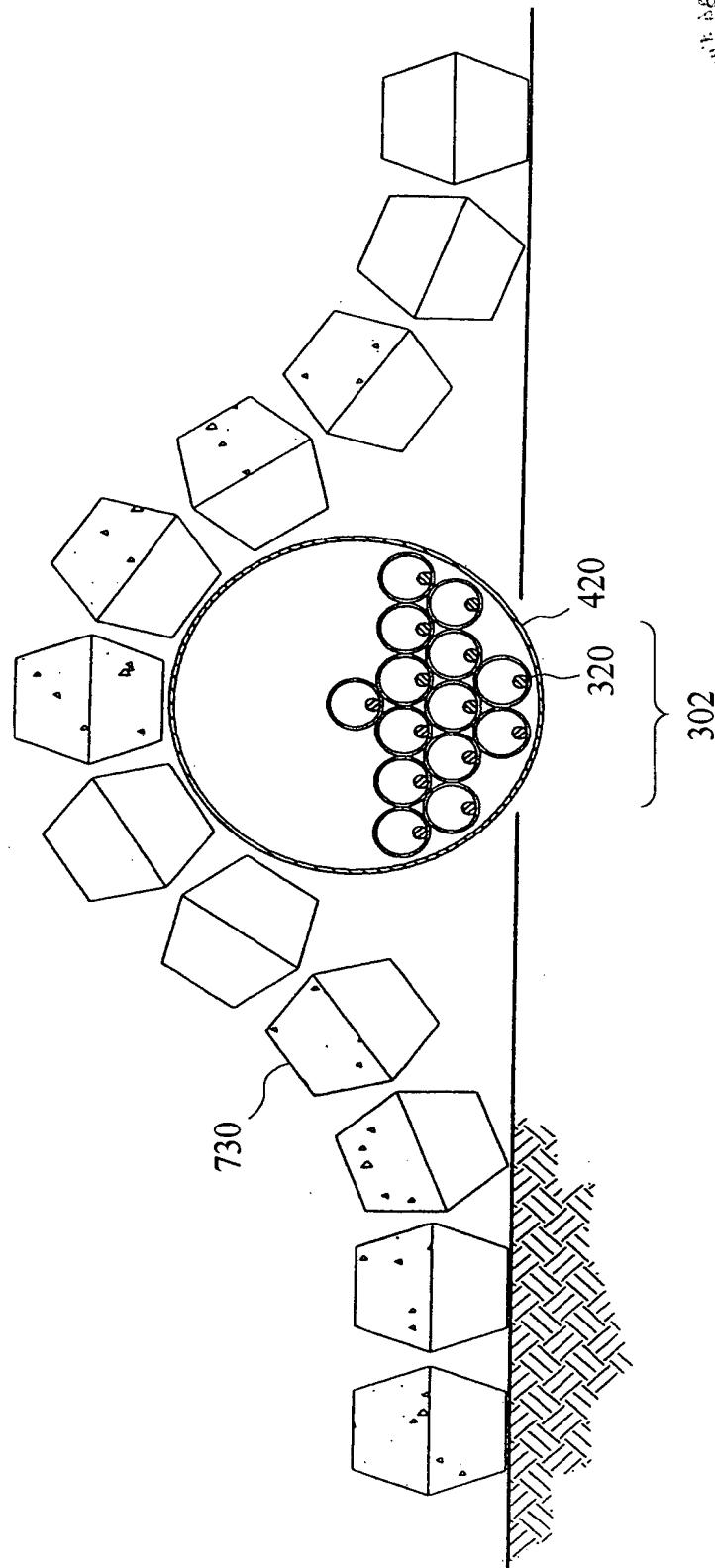
Fig. 13



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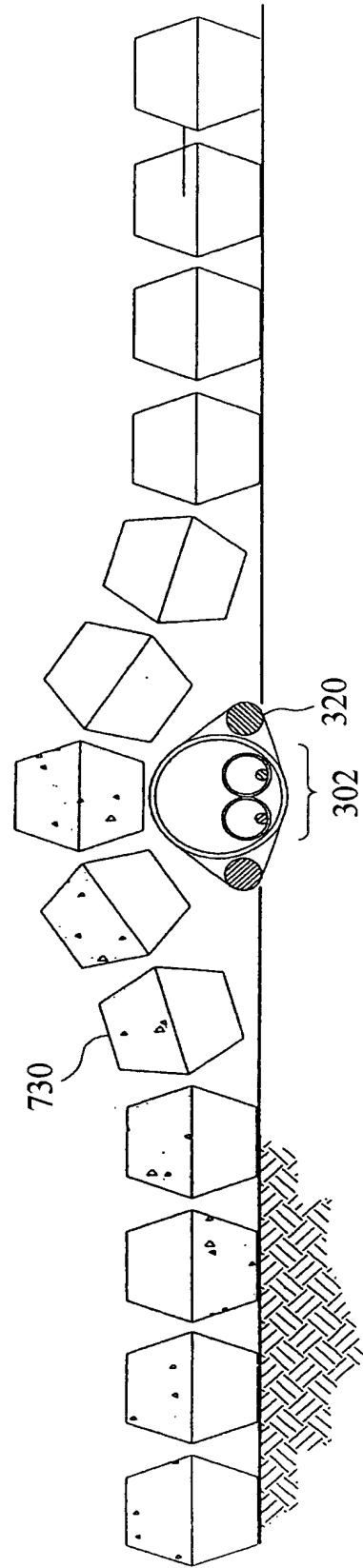
Fig. 14



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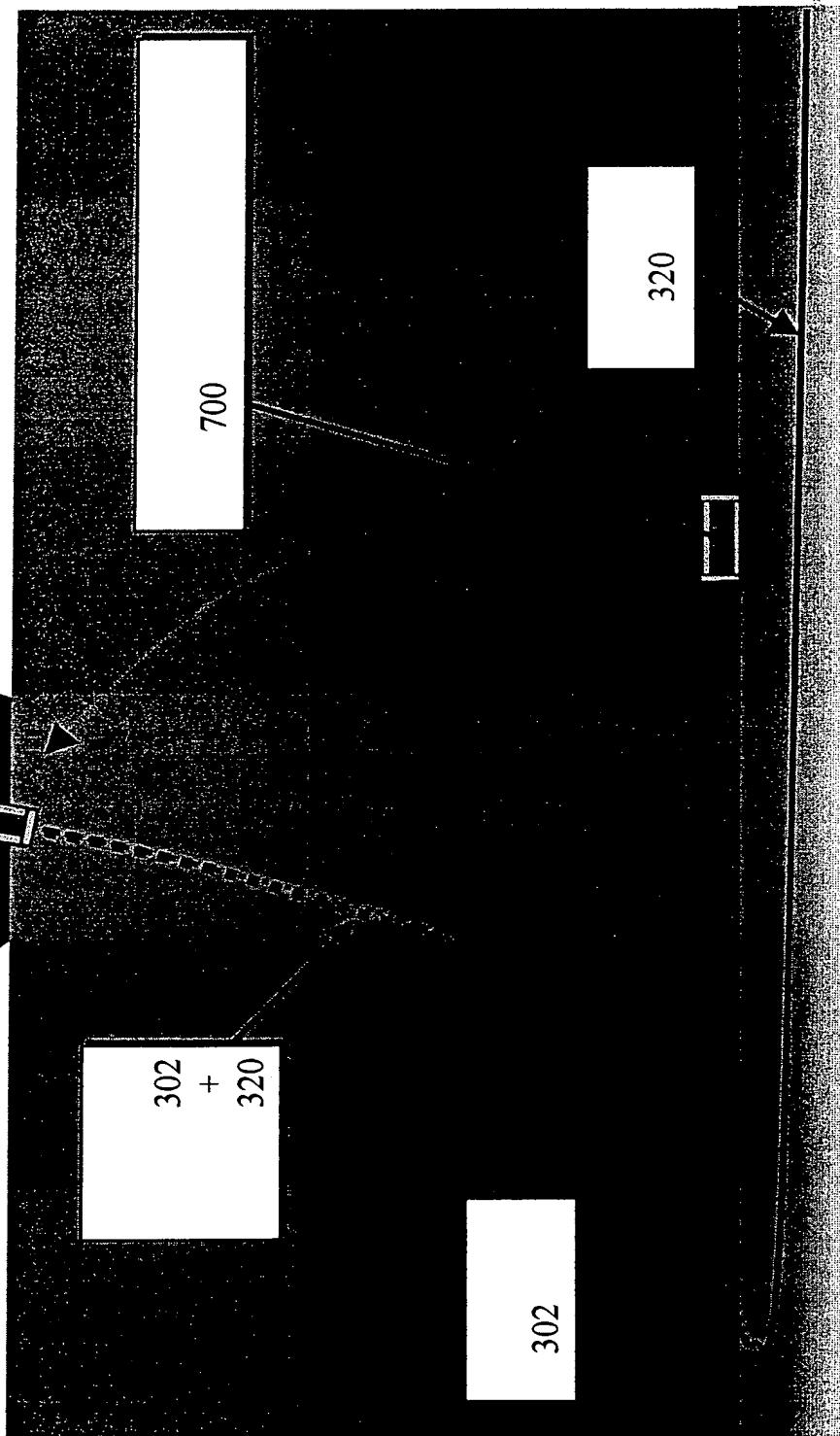
Fig. 15



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Fig. 16



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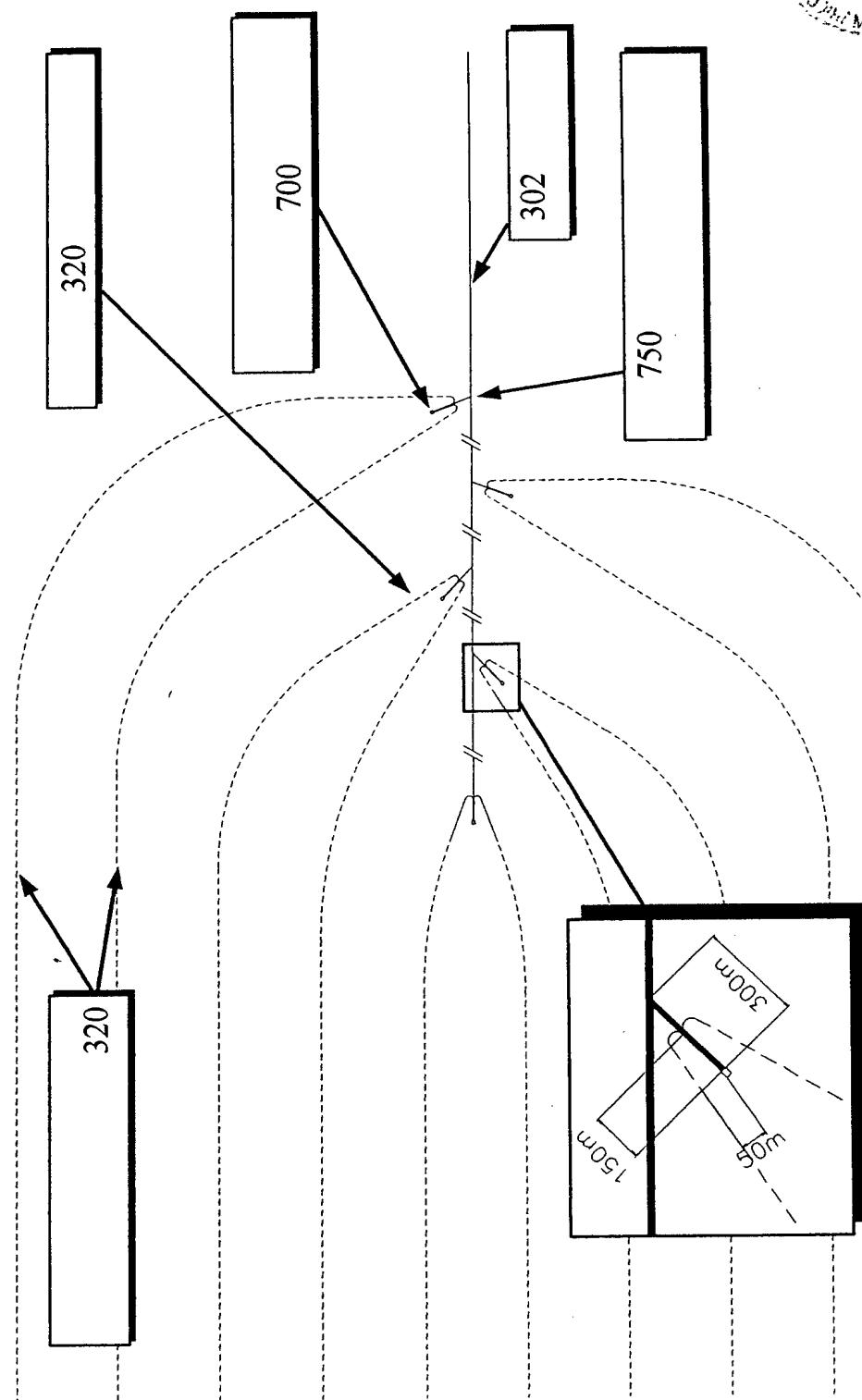


Fig. 17

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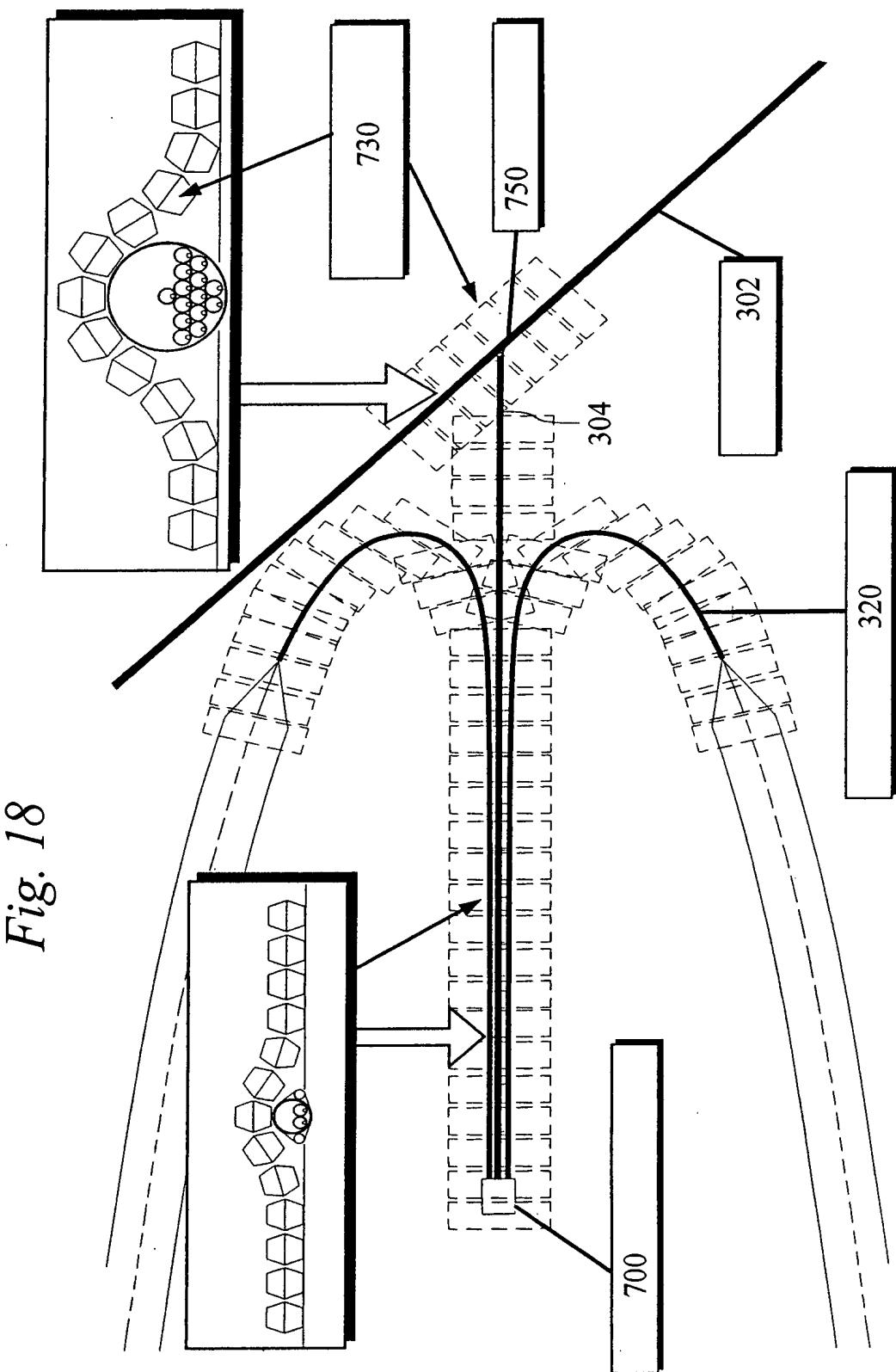
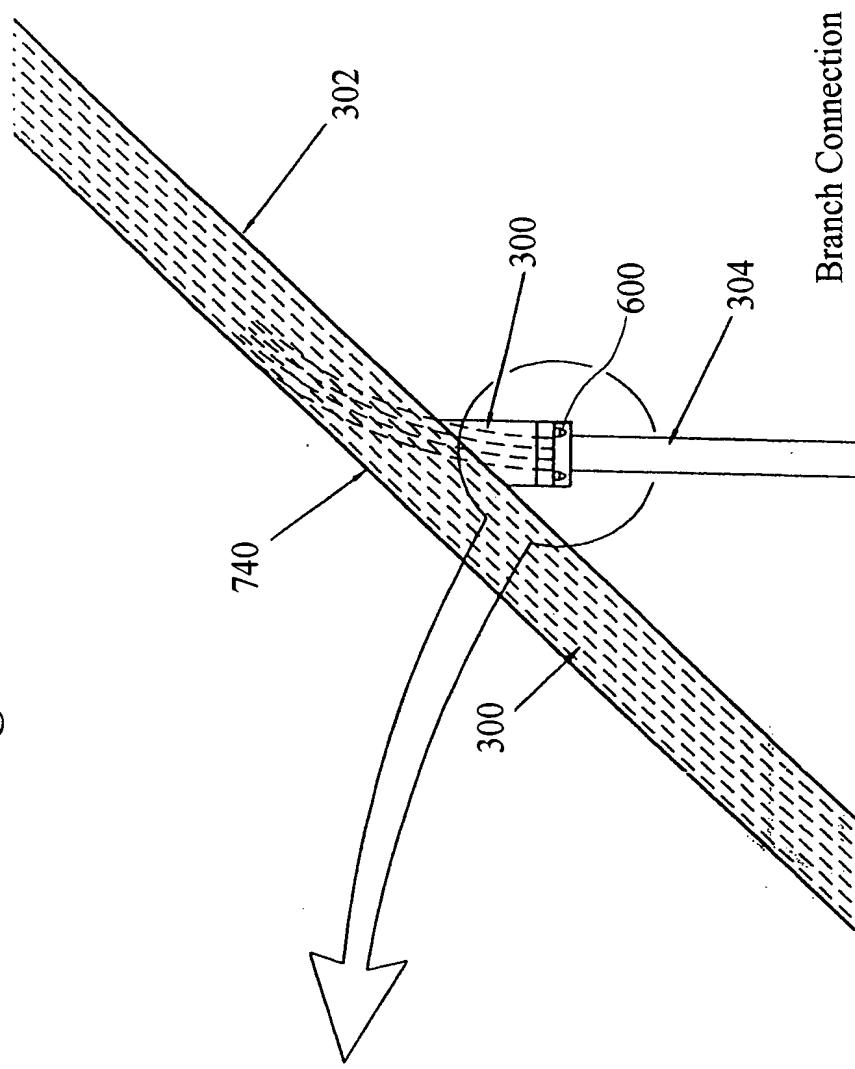


Fig. 18

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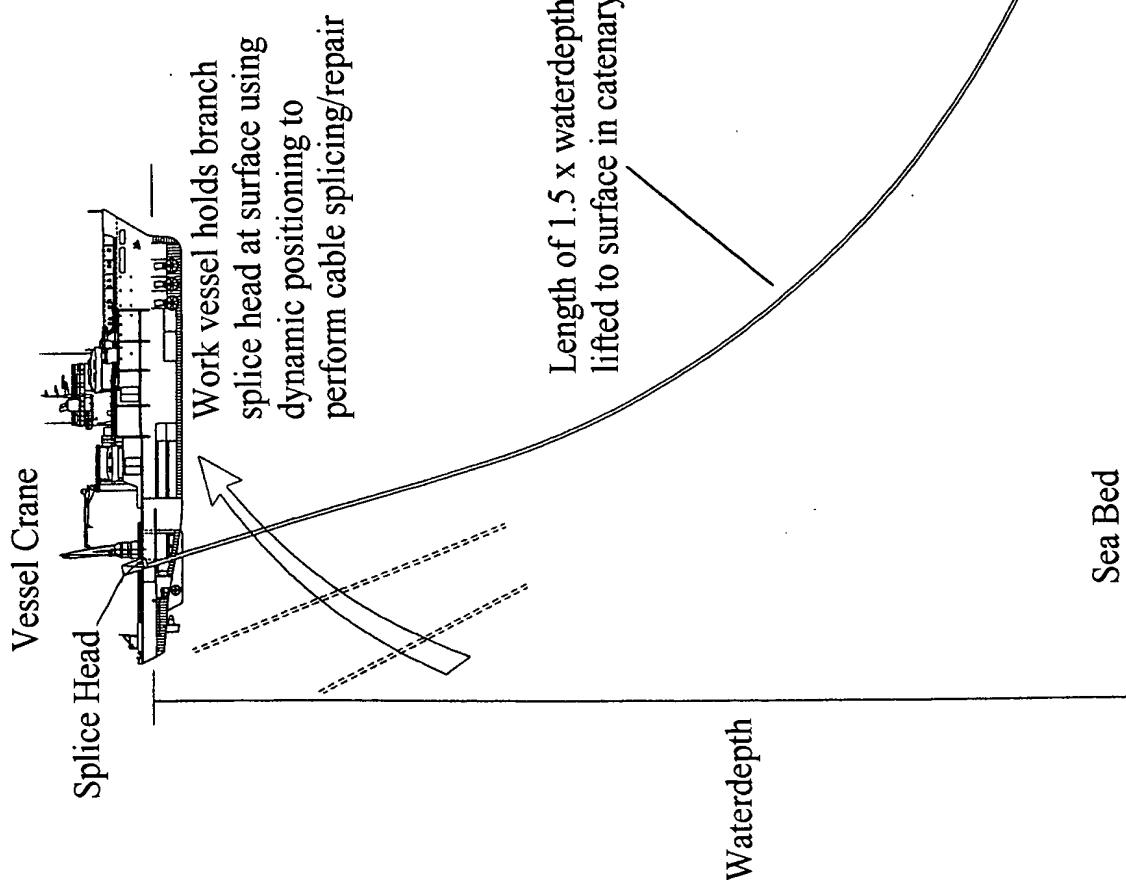
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Fig. 20



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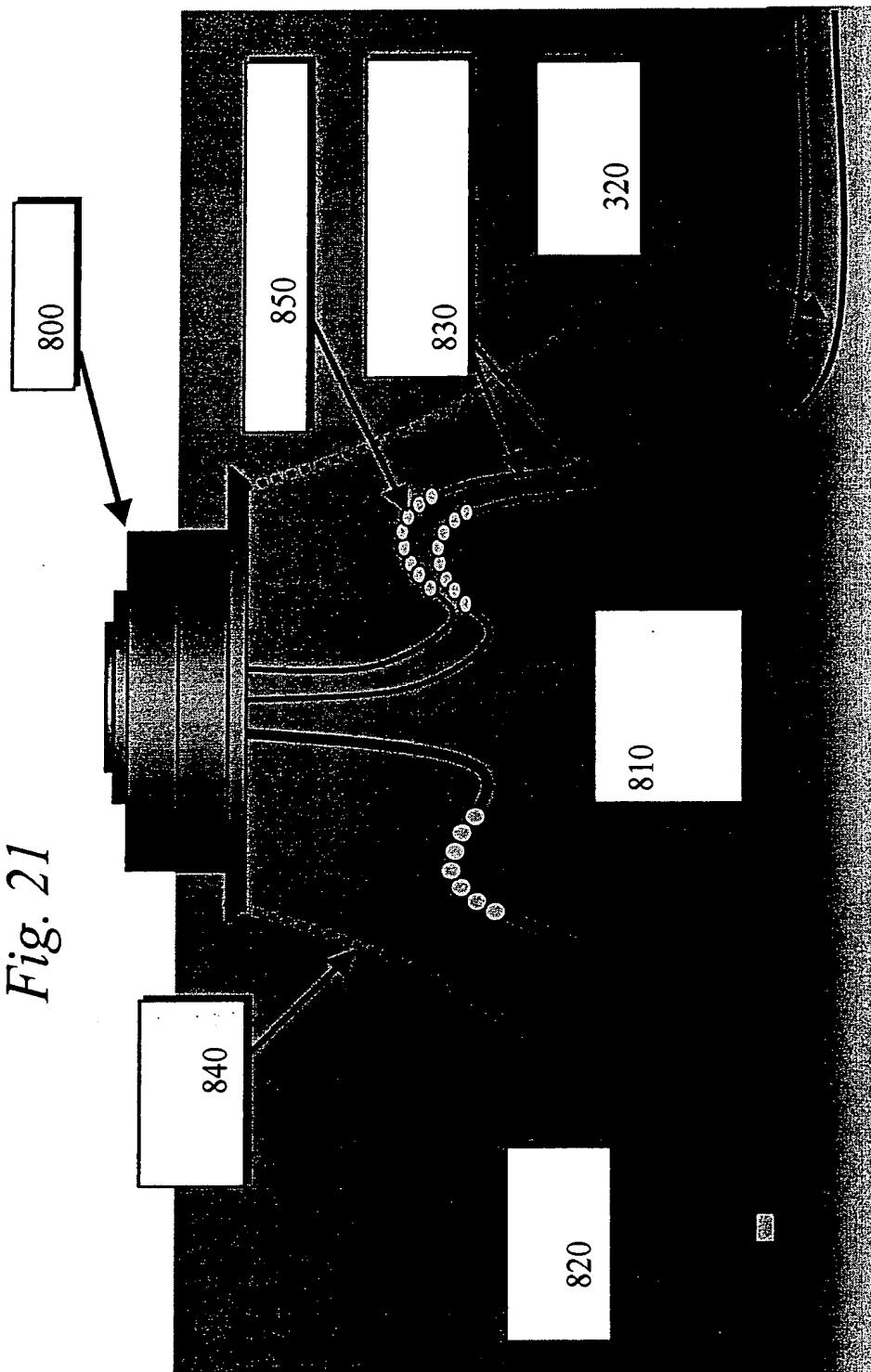
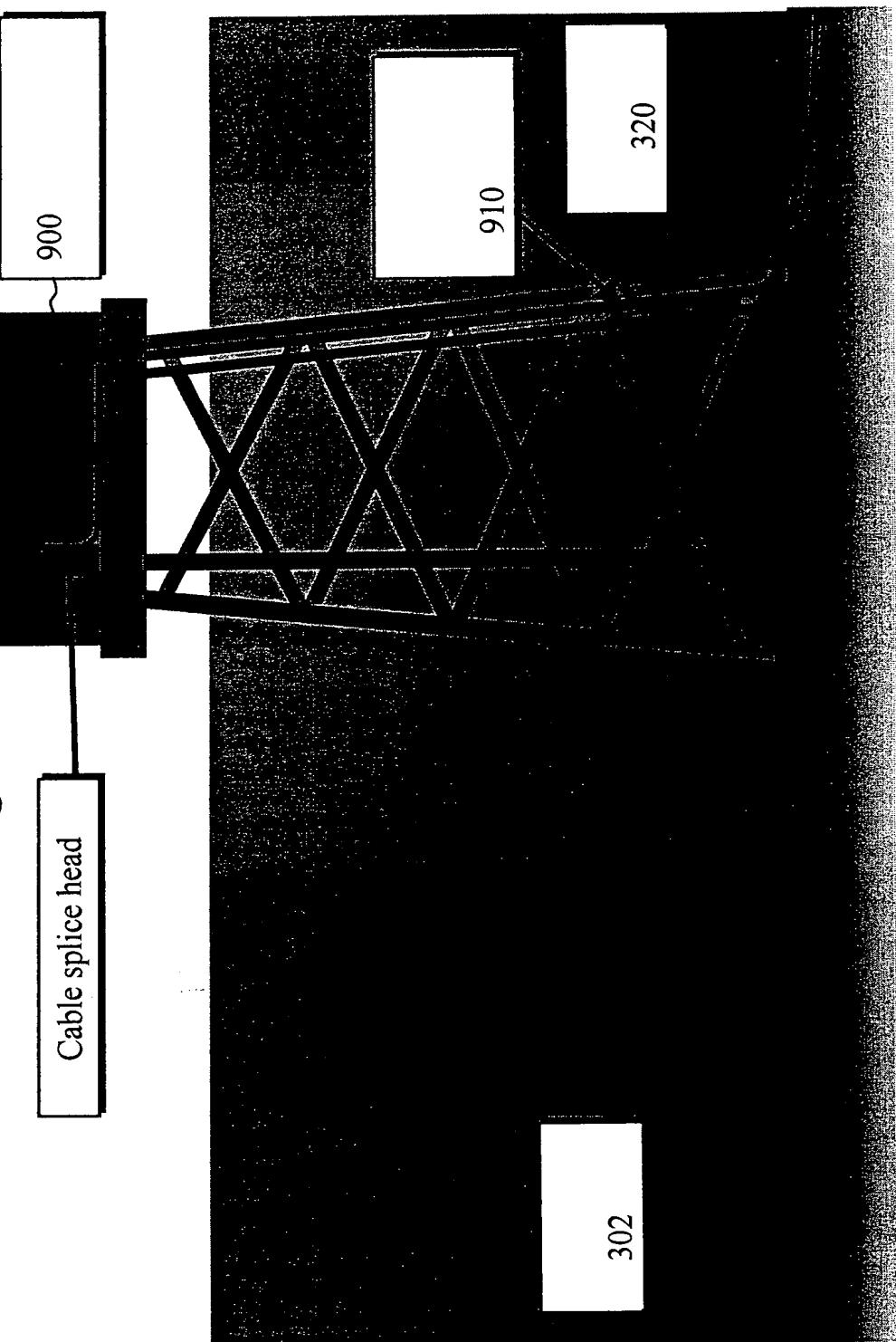


Fig. 21

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Fig. 22



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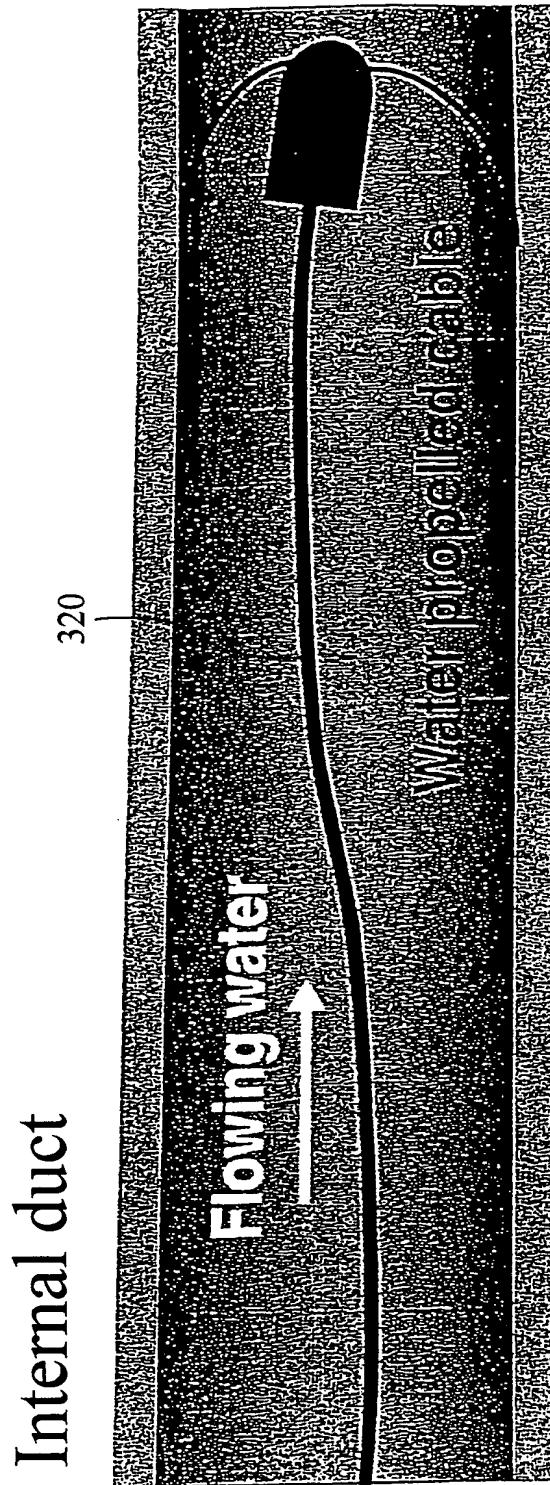


Fig. 23

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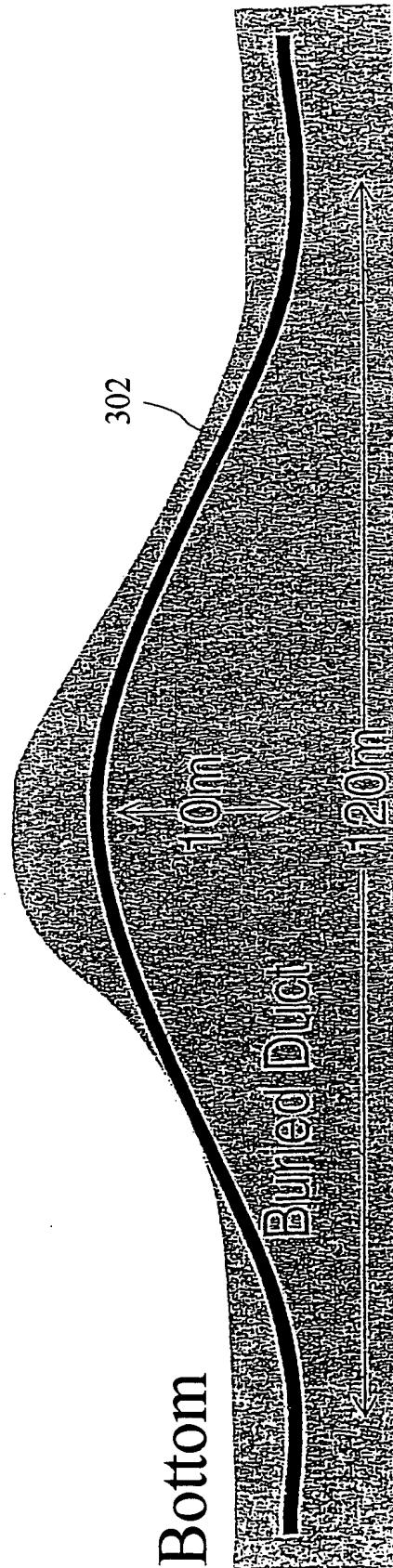
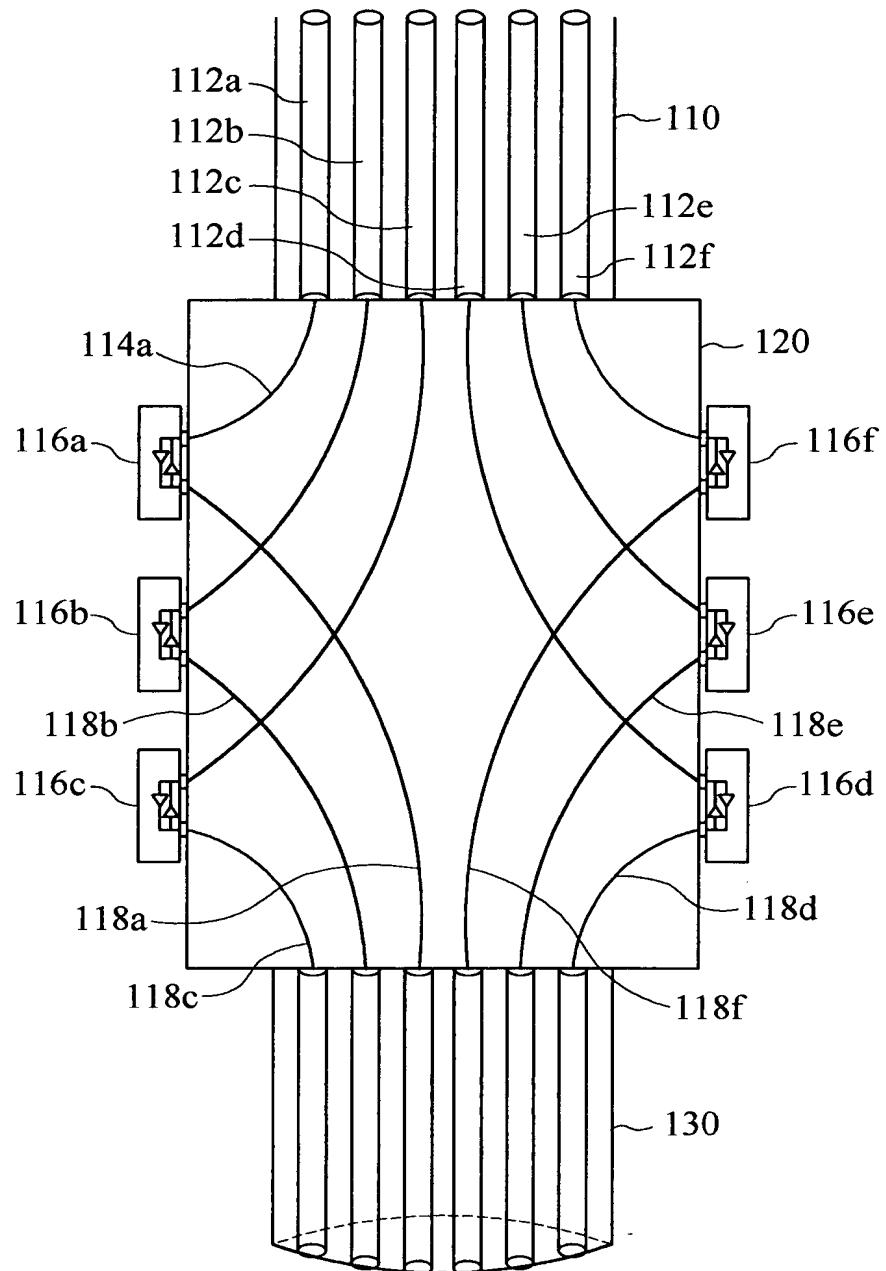


Fig. 24

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Fig. 25



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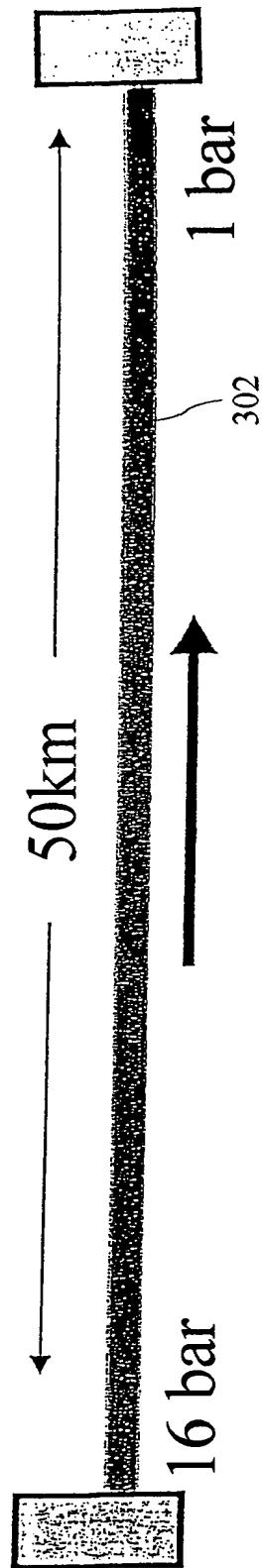
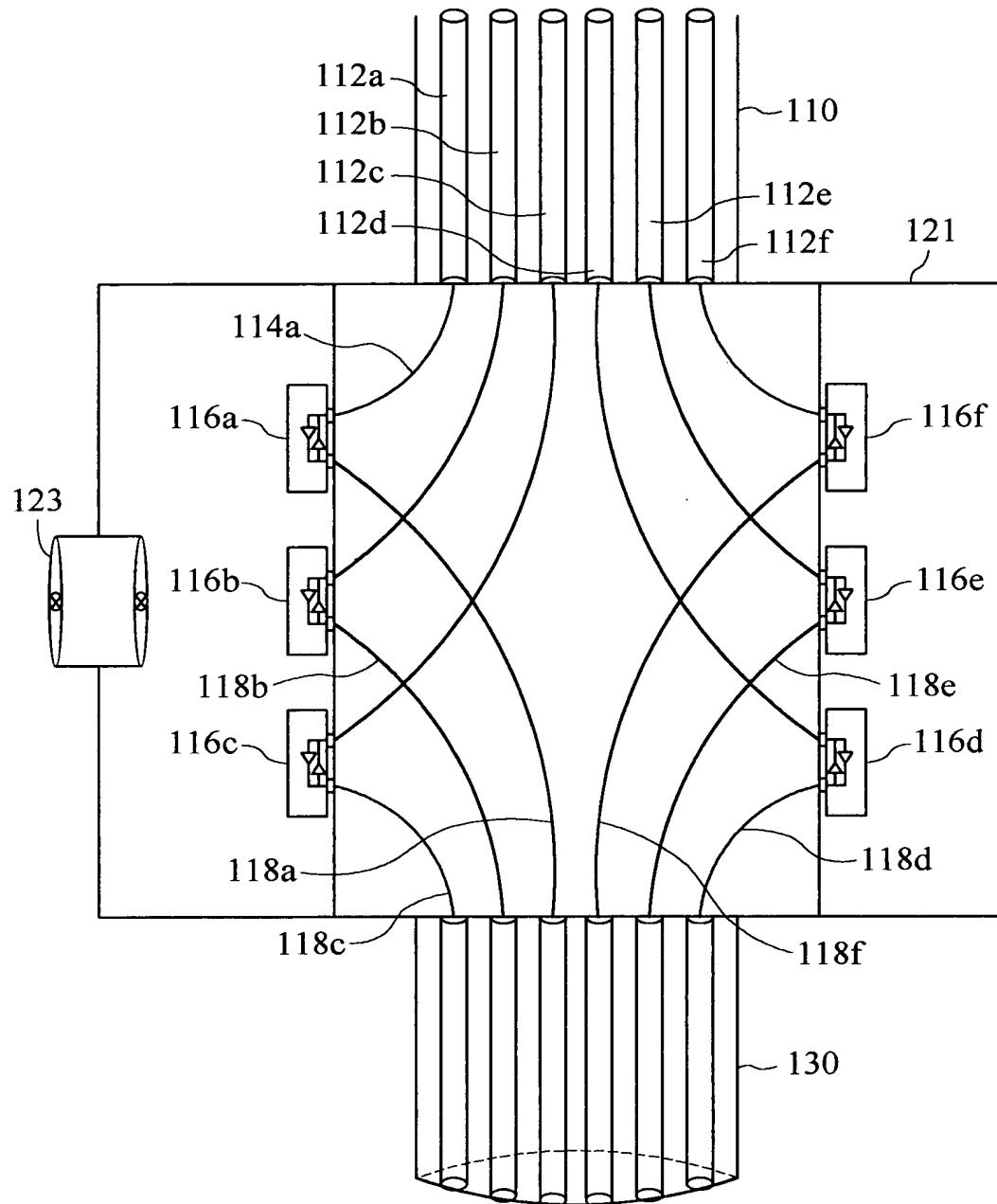


Fig. 26

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Fig. 27



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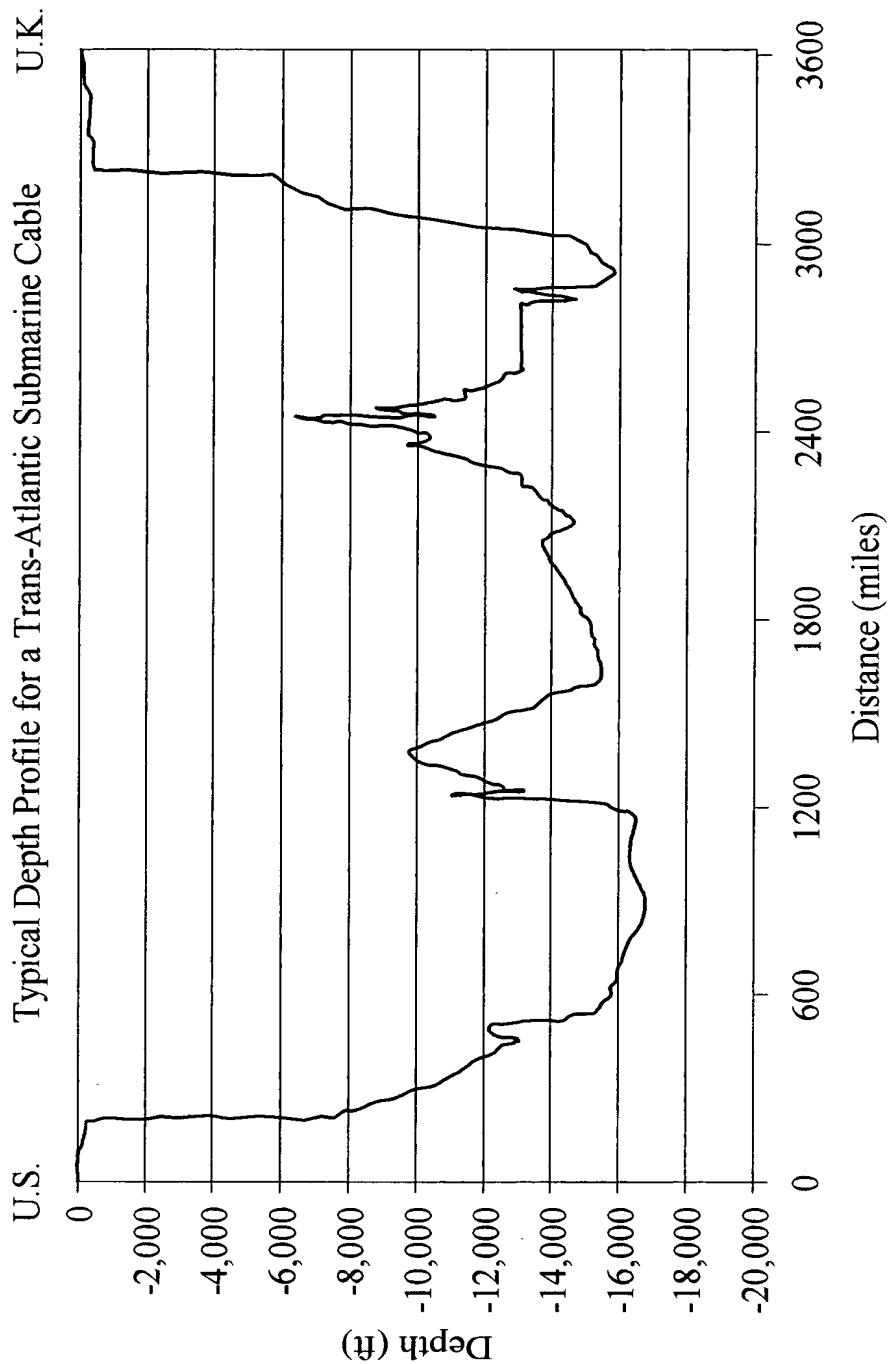


Fig. 28

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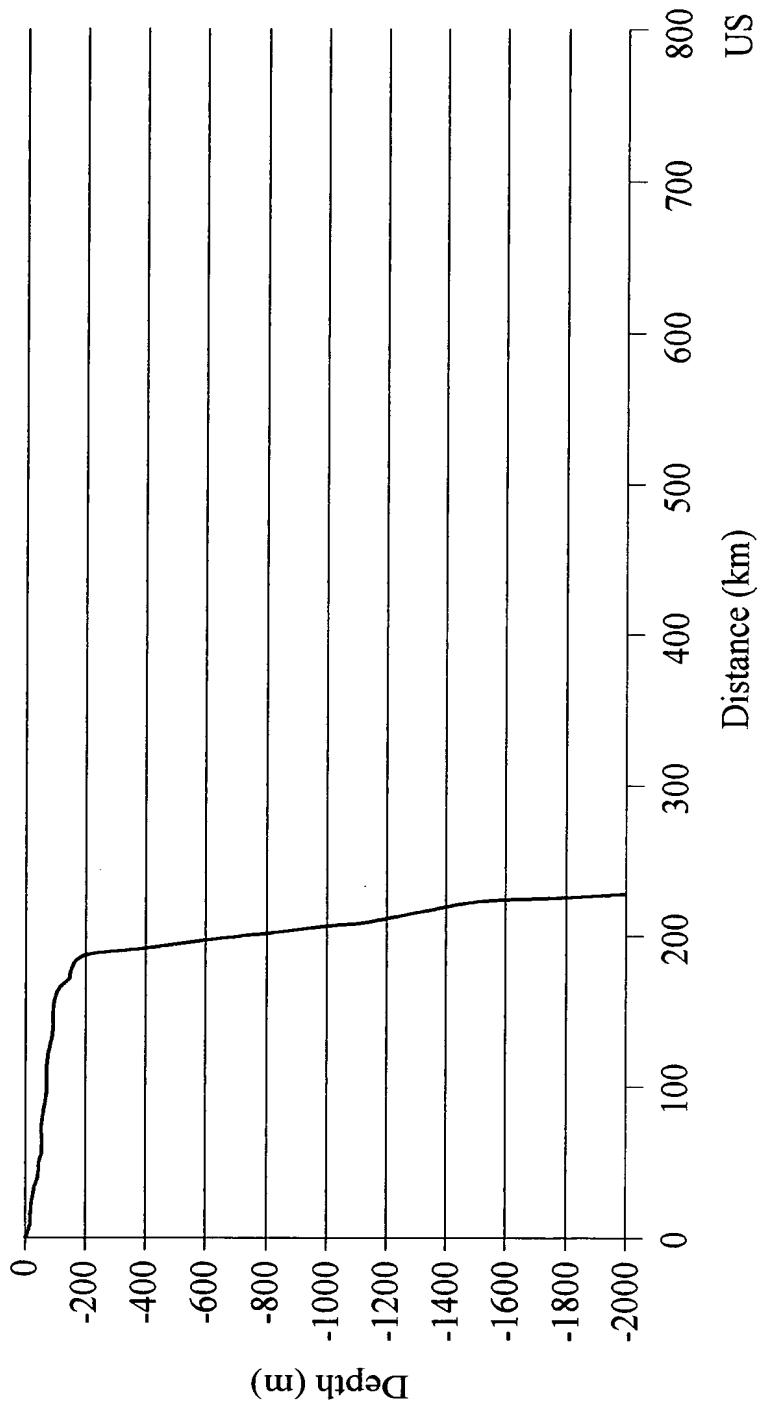


Fig. 29

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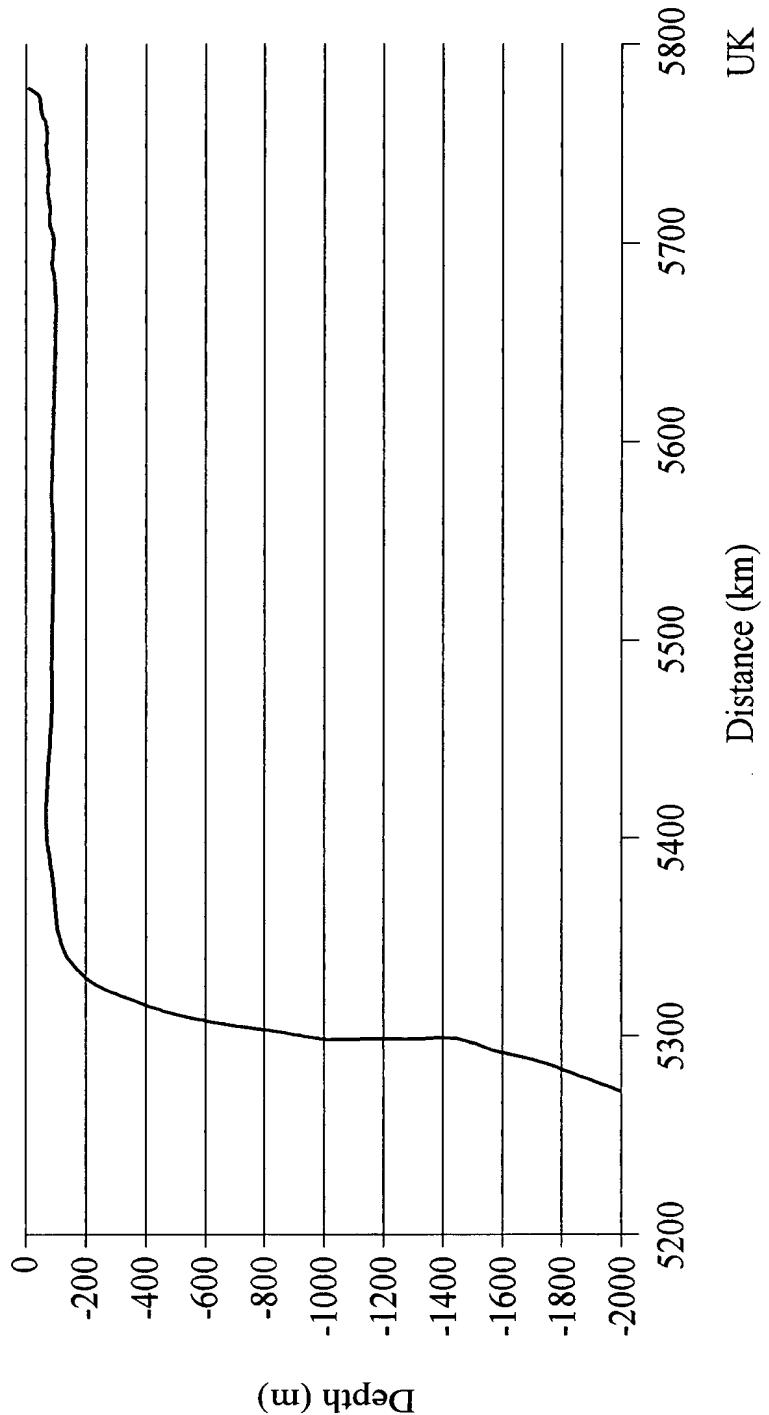
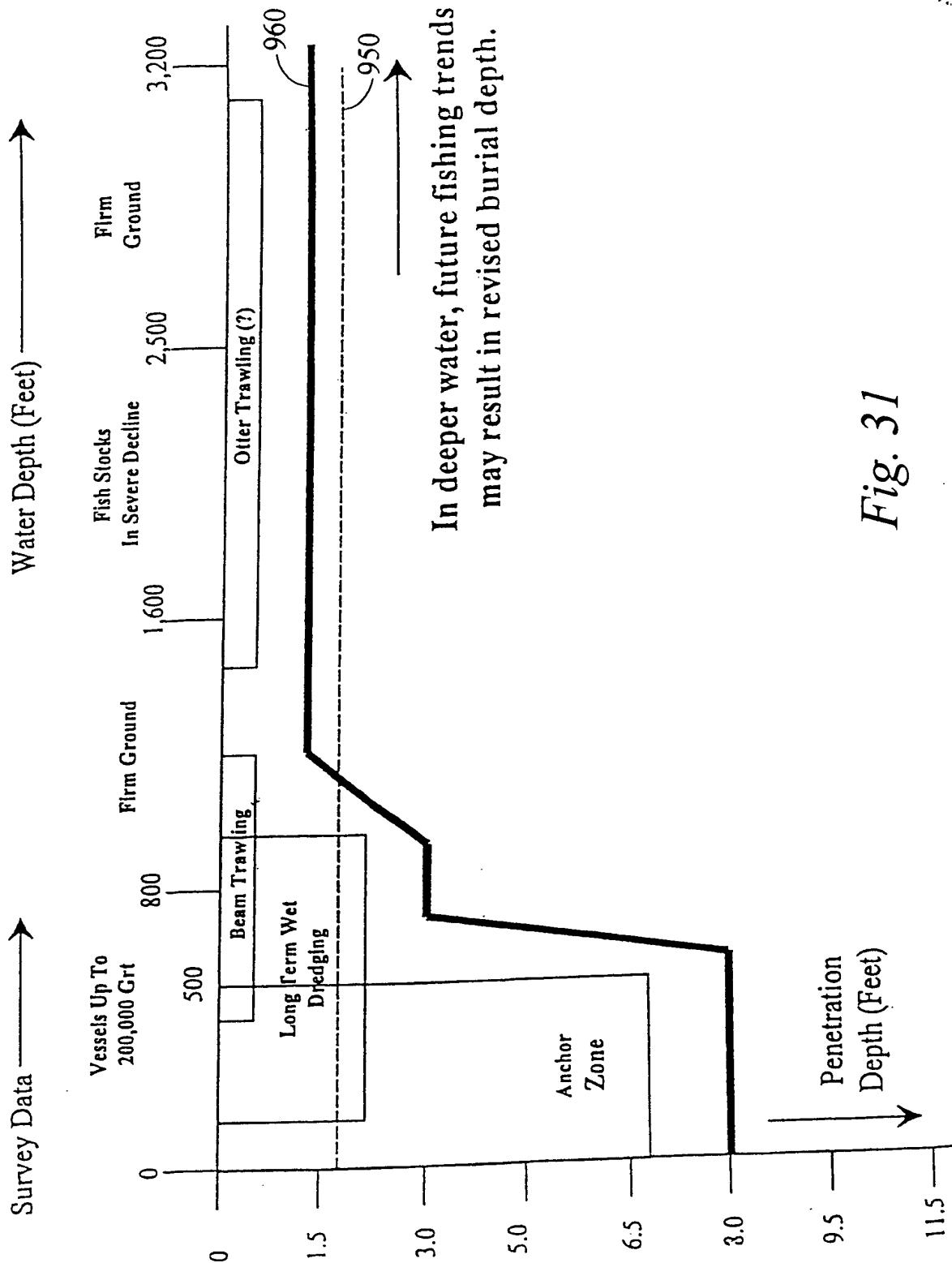


Fig. 30

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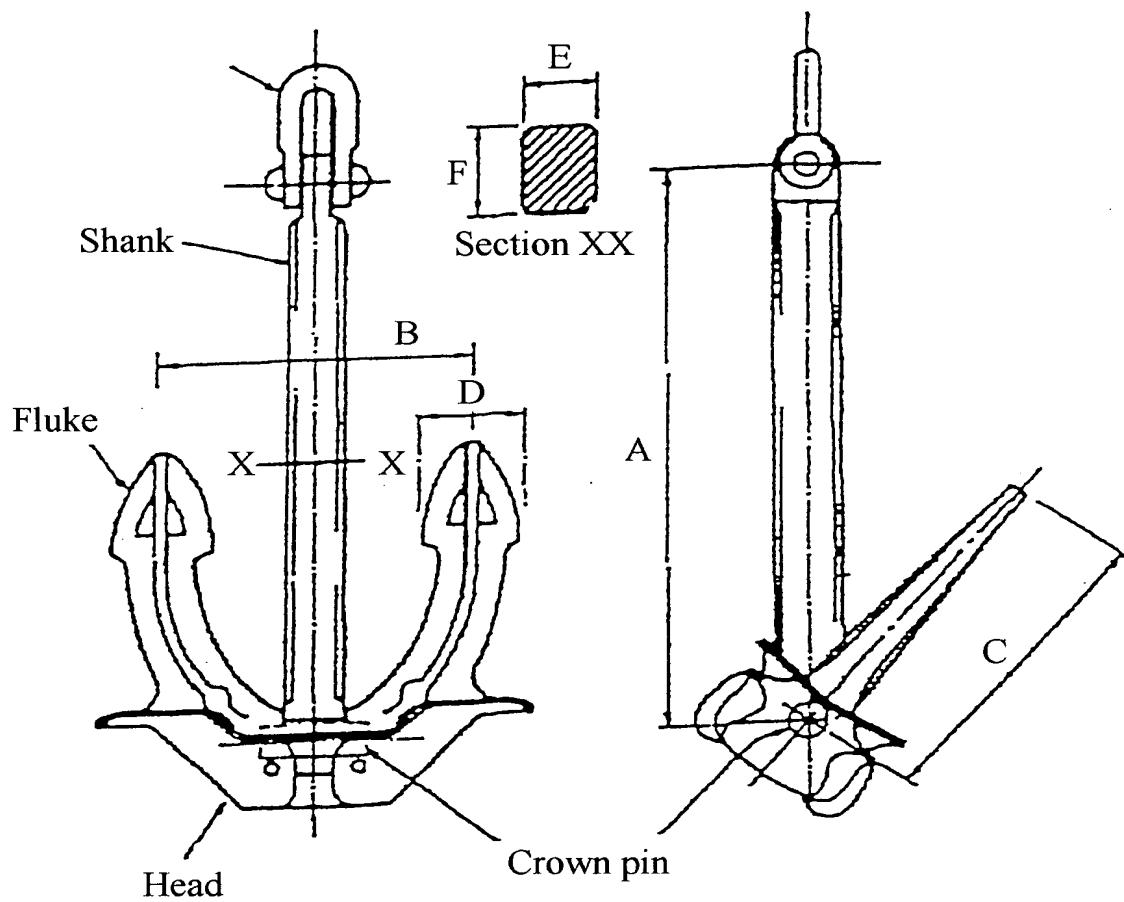


Fig. 32

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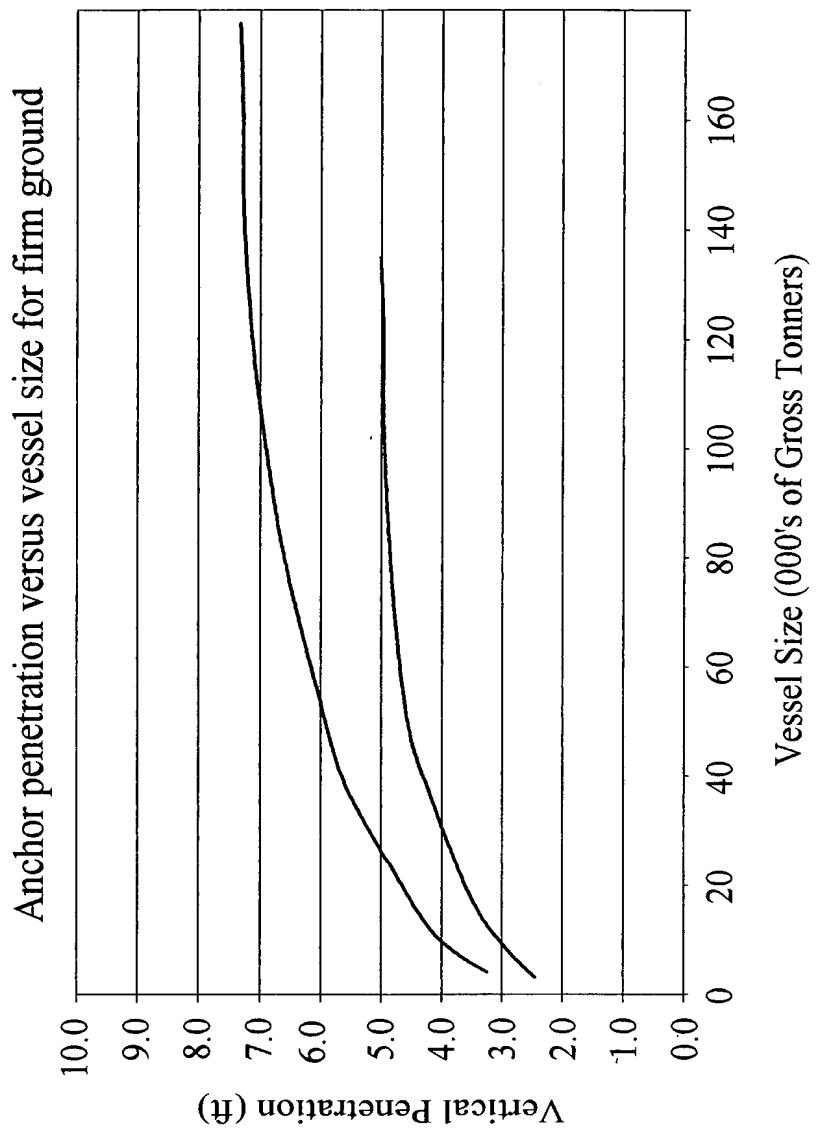


Fig. 33

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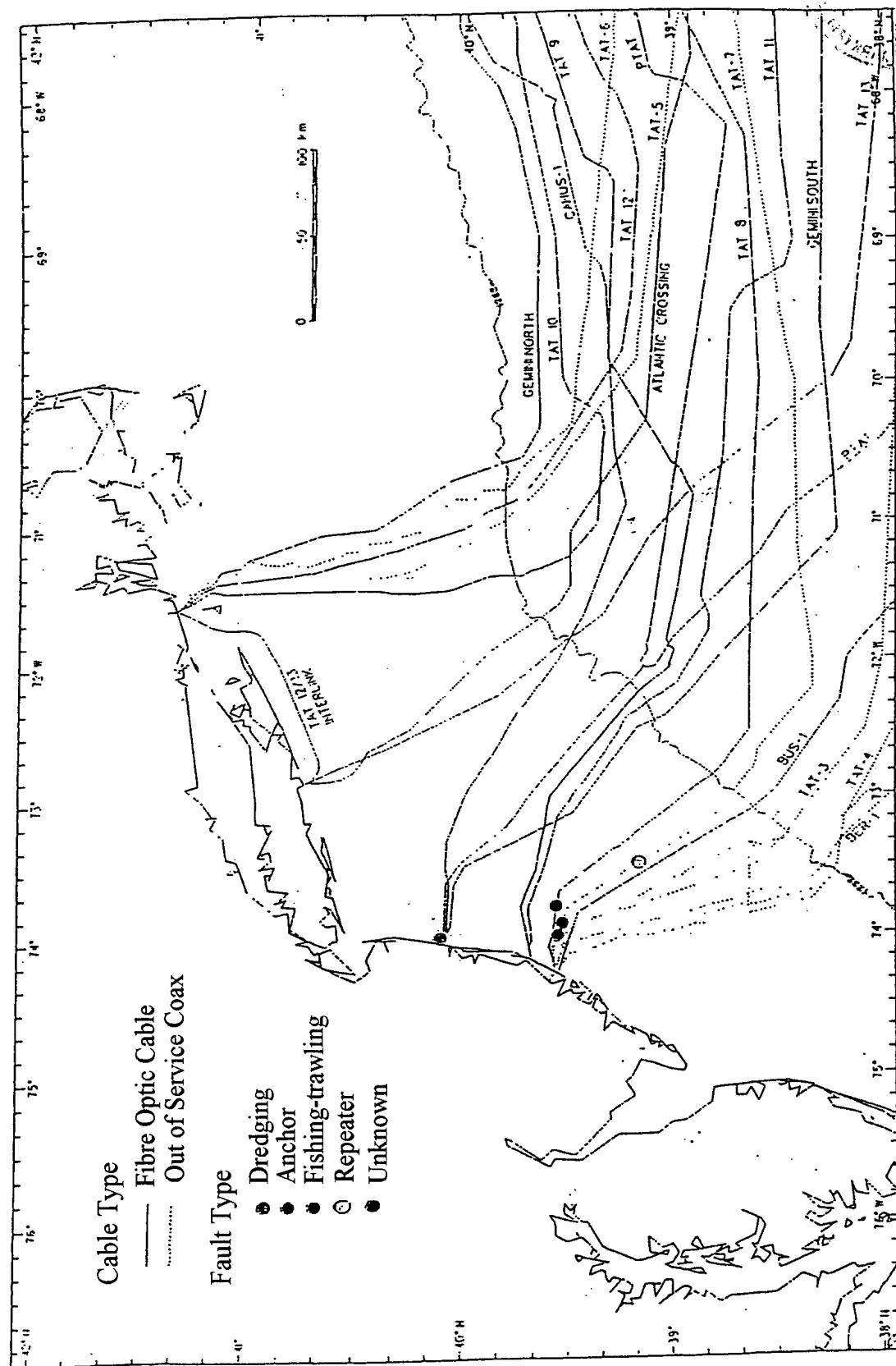


Fig. 34

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System Name	Pre-Repair Burial Status	Date of Fault	Seabed Type	Type of Fault	Water		Type of Armour Repair Ship
					Depth	Type	
CANUS 1	Surface Laid	1-Mar-98	Sand	Dredging	65 ft	Double Armor	Sir Eric Sharp
TAT 7	Surface Laid	18-Apr-86	Sand	Anchor	90 ft	Unknown	Mercury
TAT 7	Surface Laid	10-Aug-89	Sand	Fishing	175 ft	Lightweight	C.S. Alert
TAT 7	Unknown	9-Aug-93	Unknown	Repeater	160 ft	Unknown	Global Mariner
TAT 8	Postlay Buried	10-Aug-93	Unknown	Unknown	90 ft	LWP	Global Marine

Fig. 35

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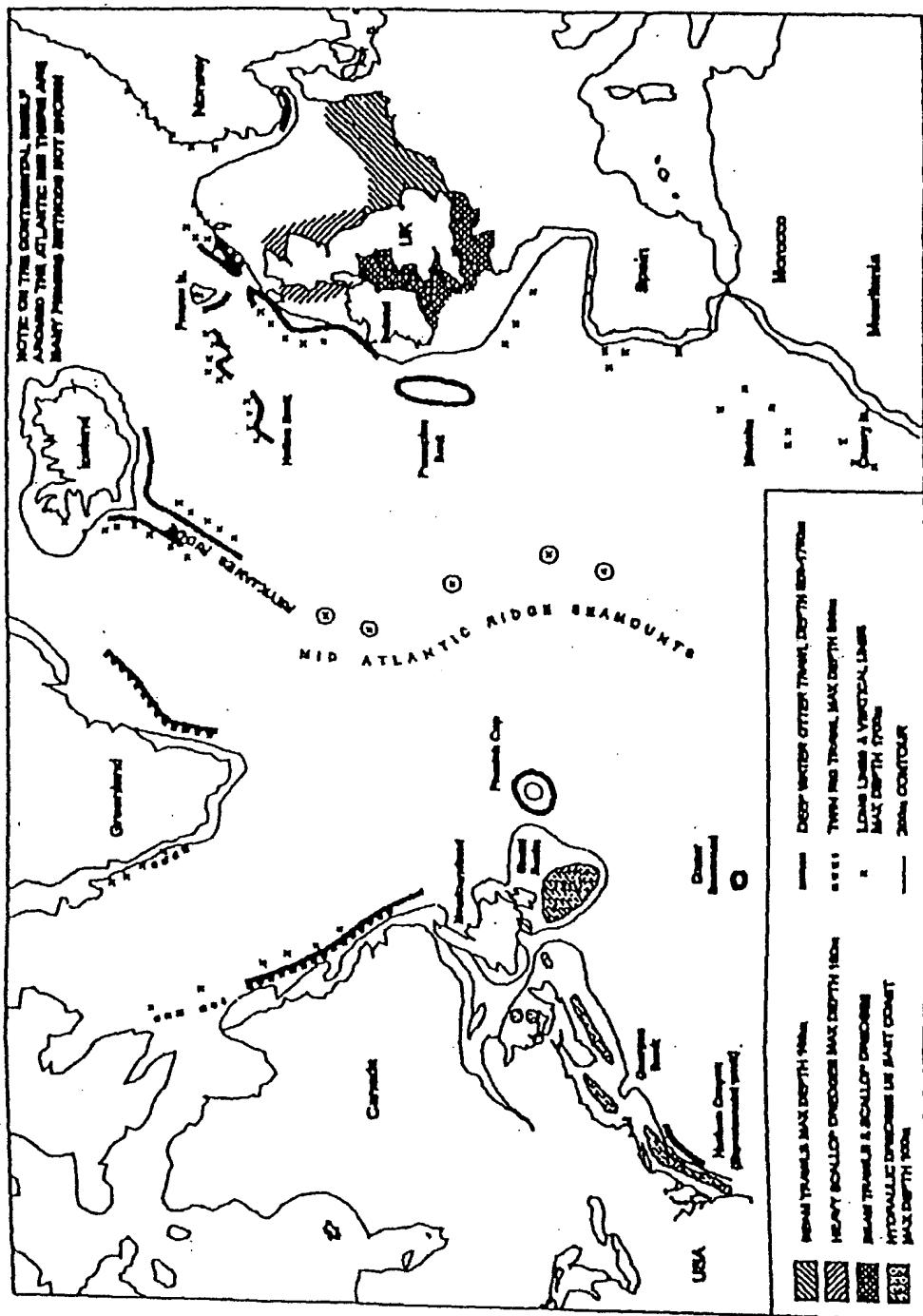


Fig. 36

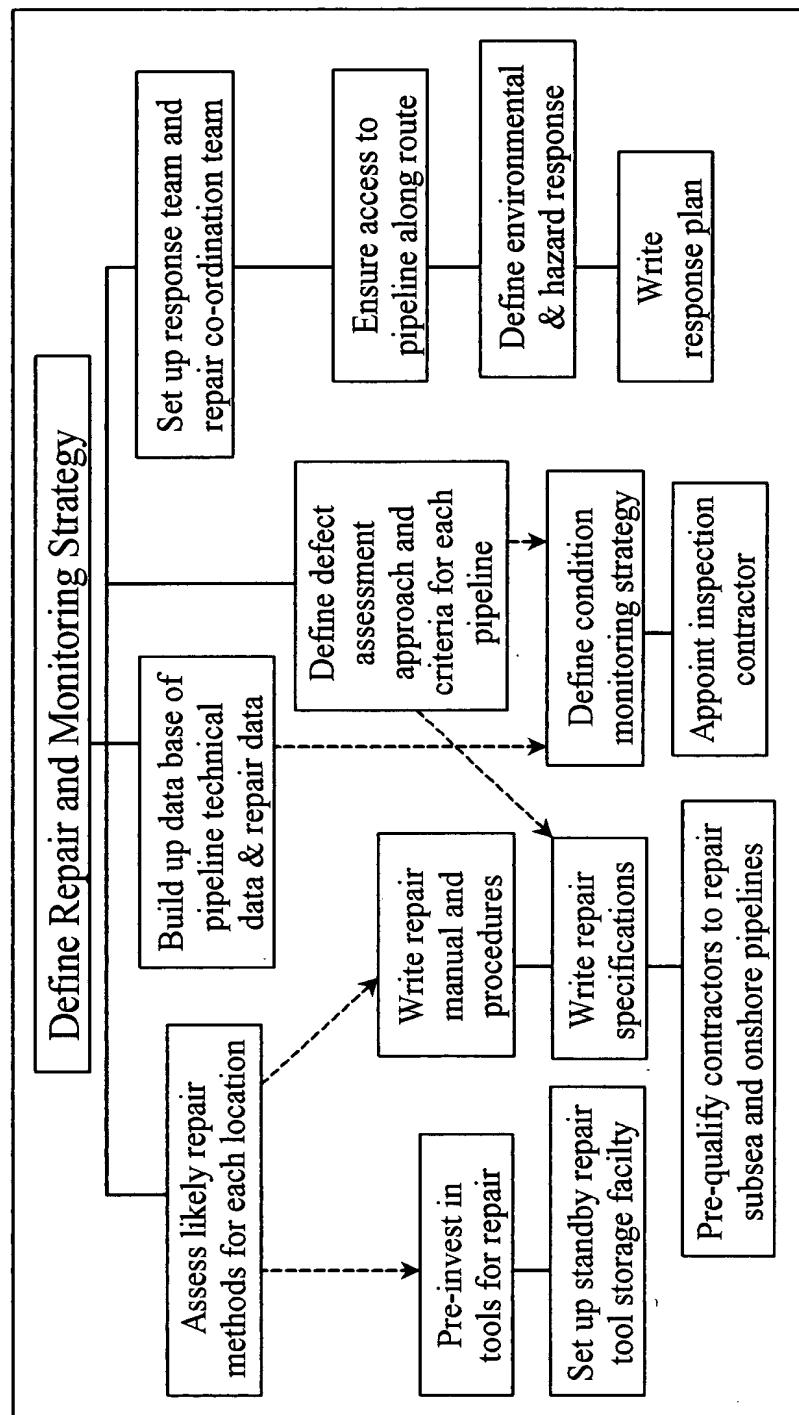


Fig. 37

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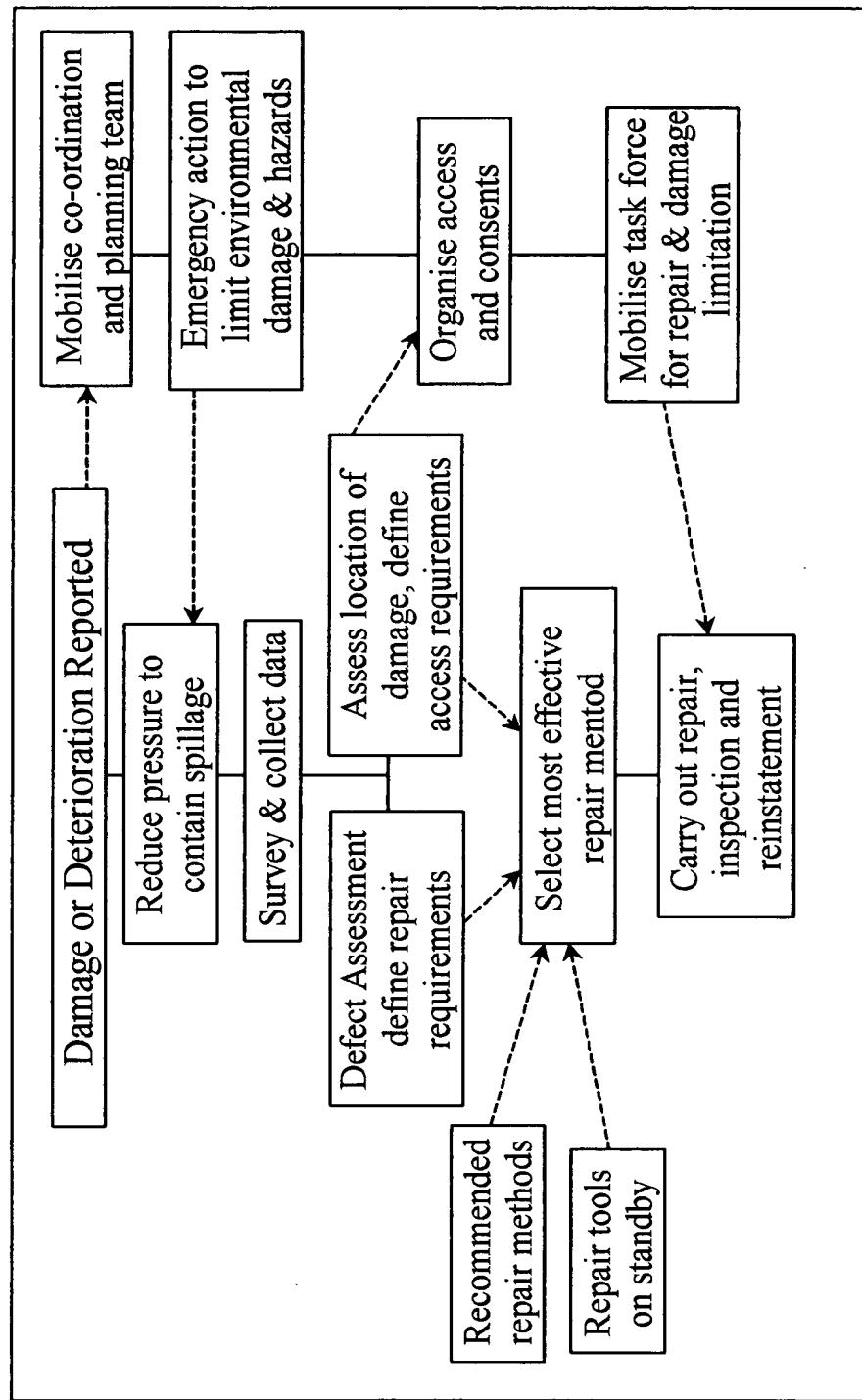
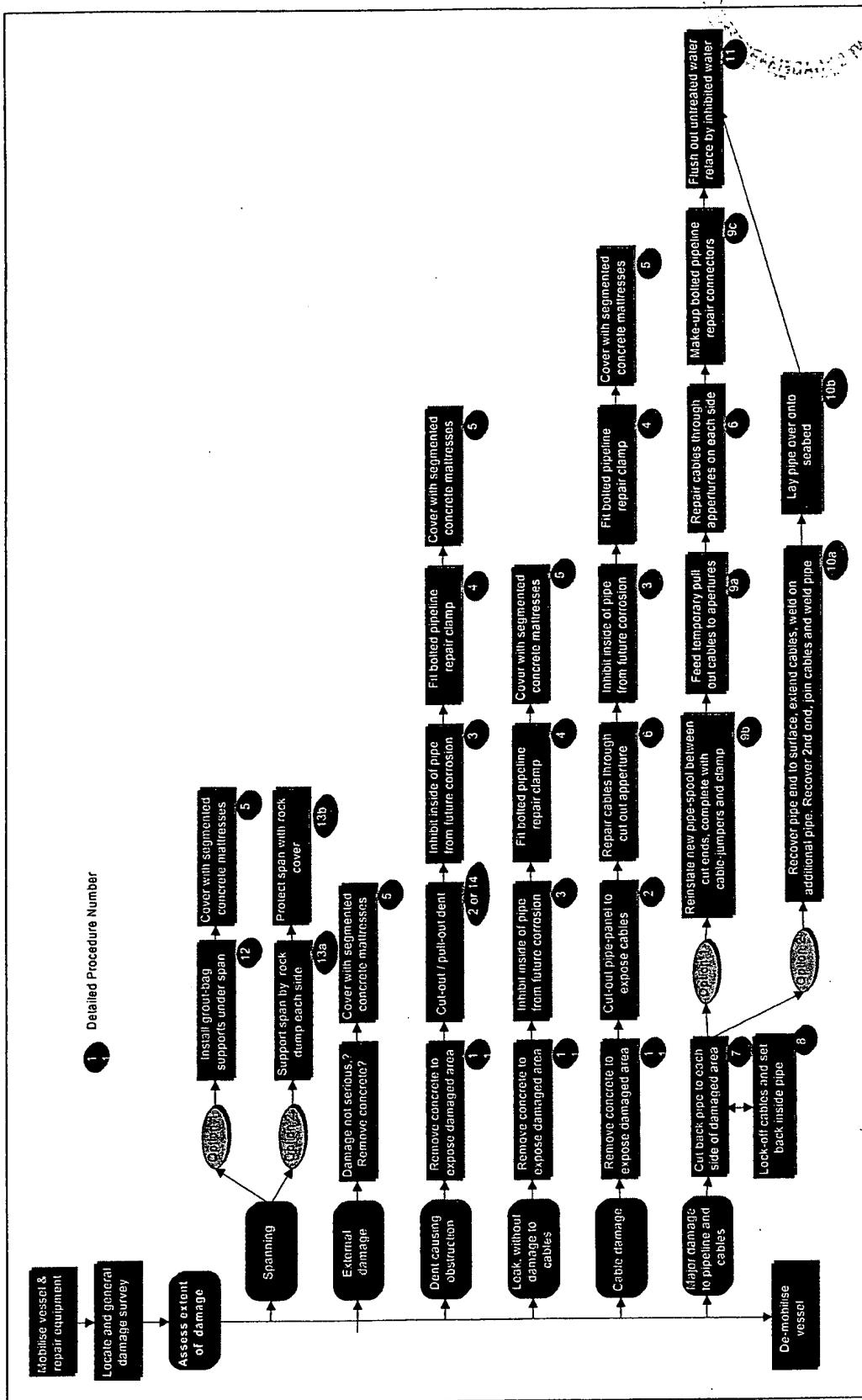


Fig. 38

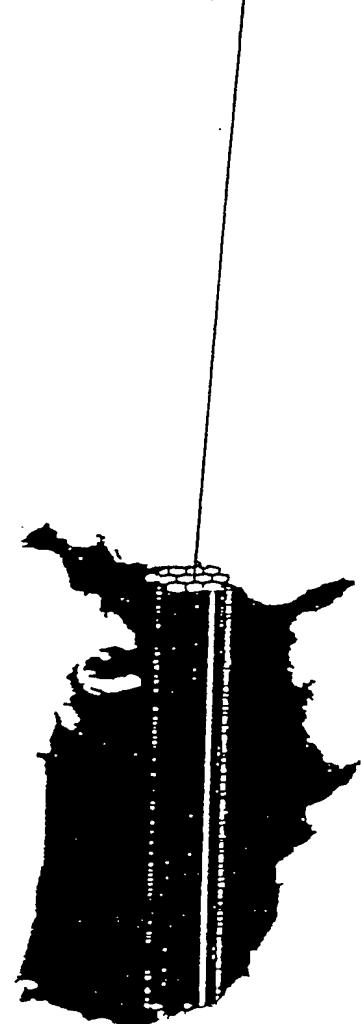
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Fig. 39



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*Fig. 40*

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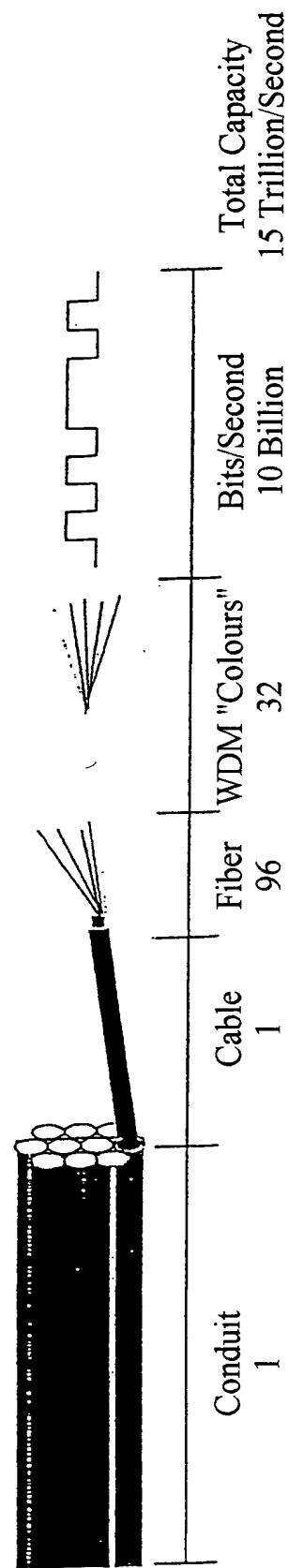


Fig. 41

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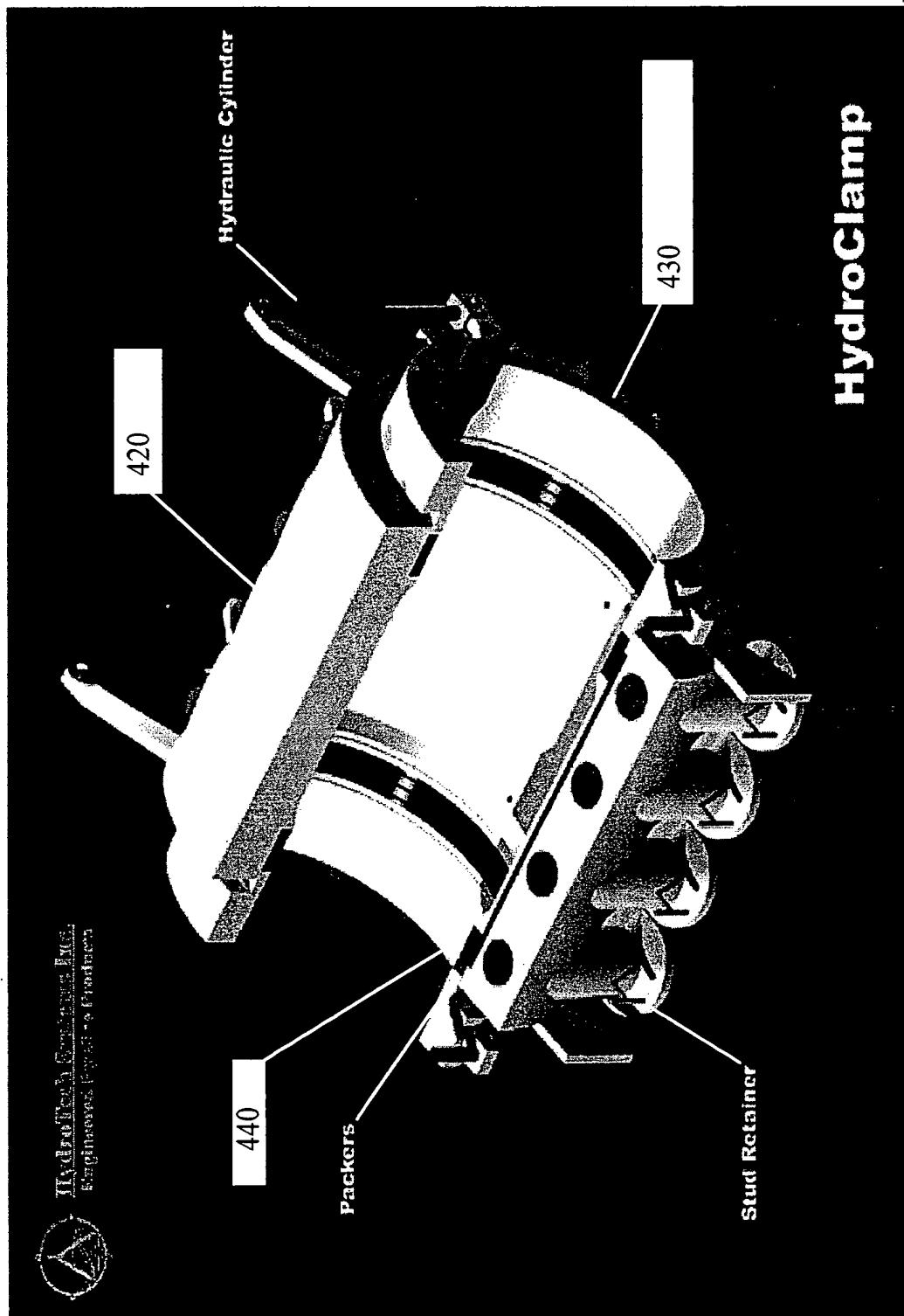
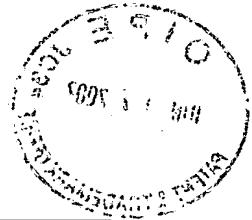
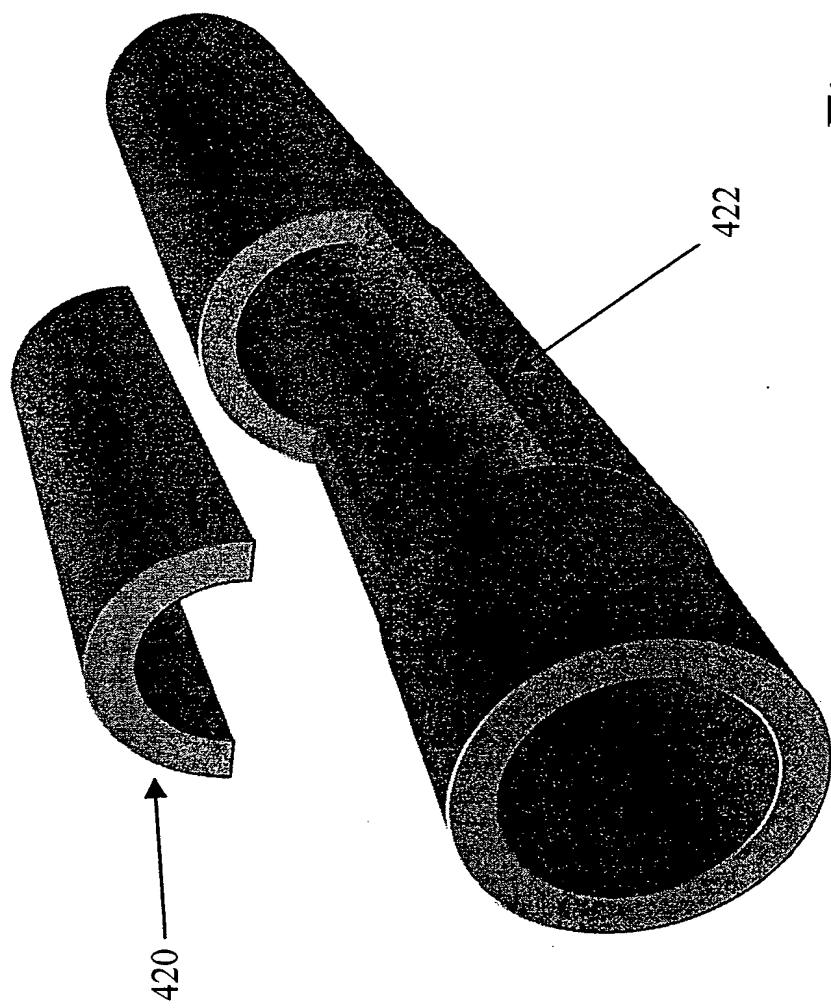


Fig. 42

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Fig. 43



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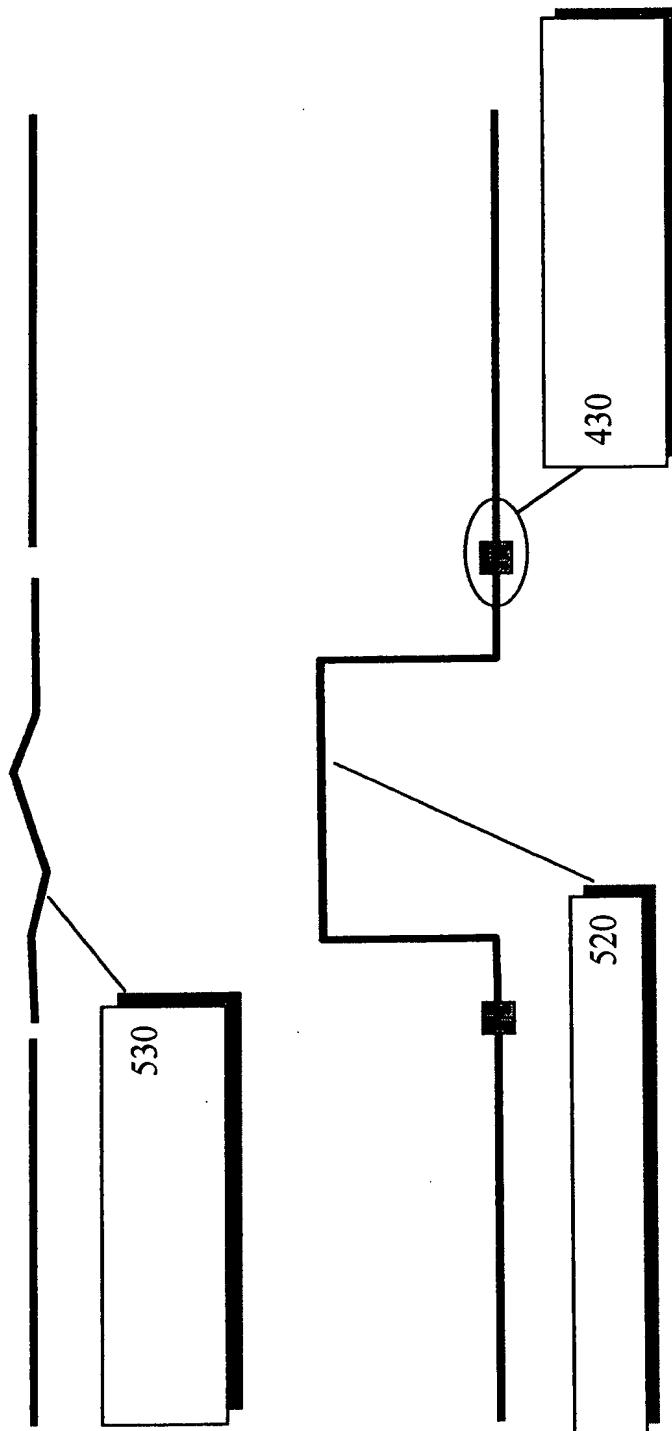


Fig. 44

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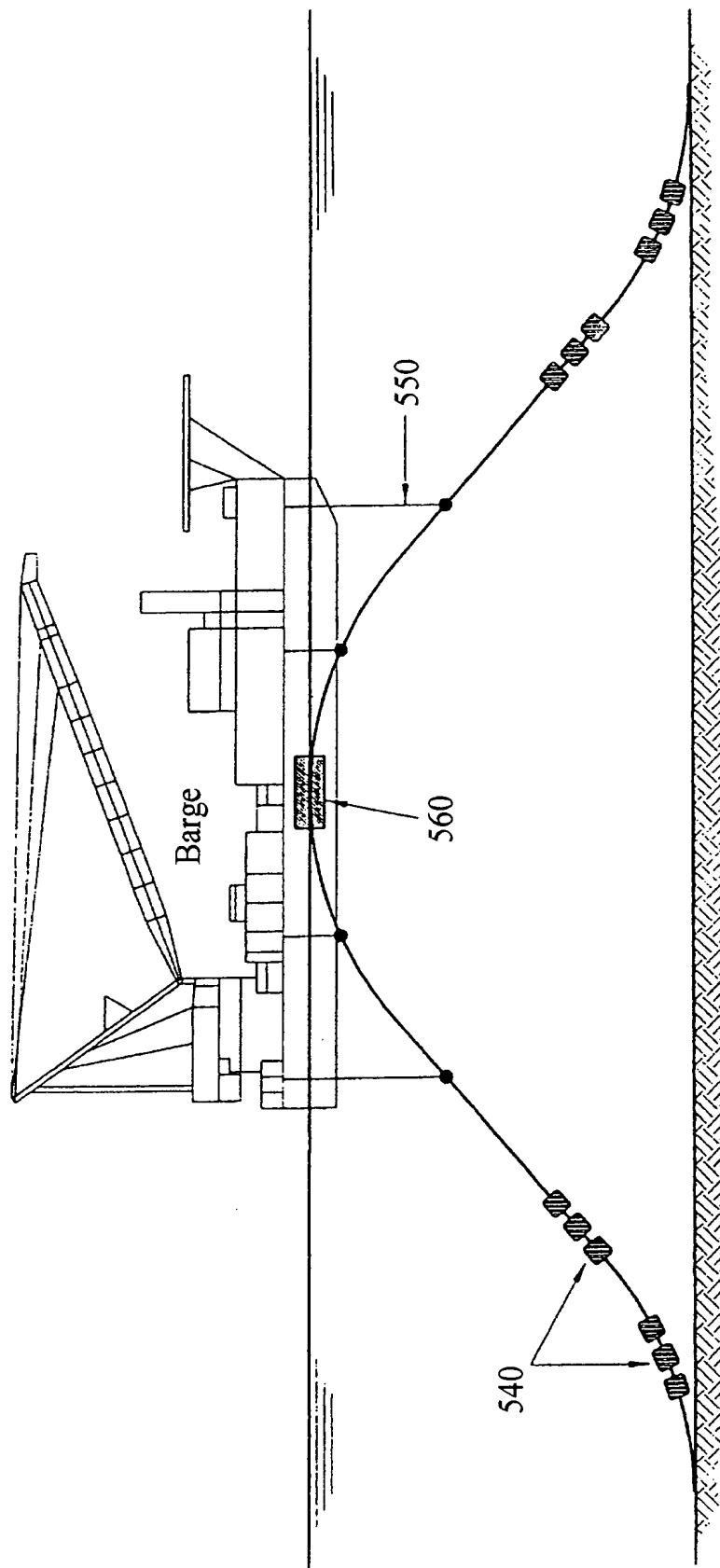


Fig. 45

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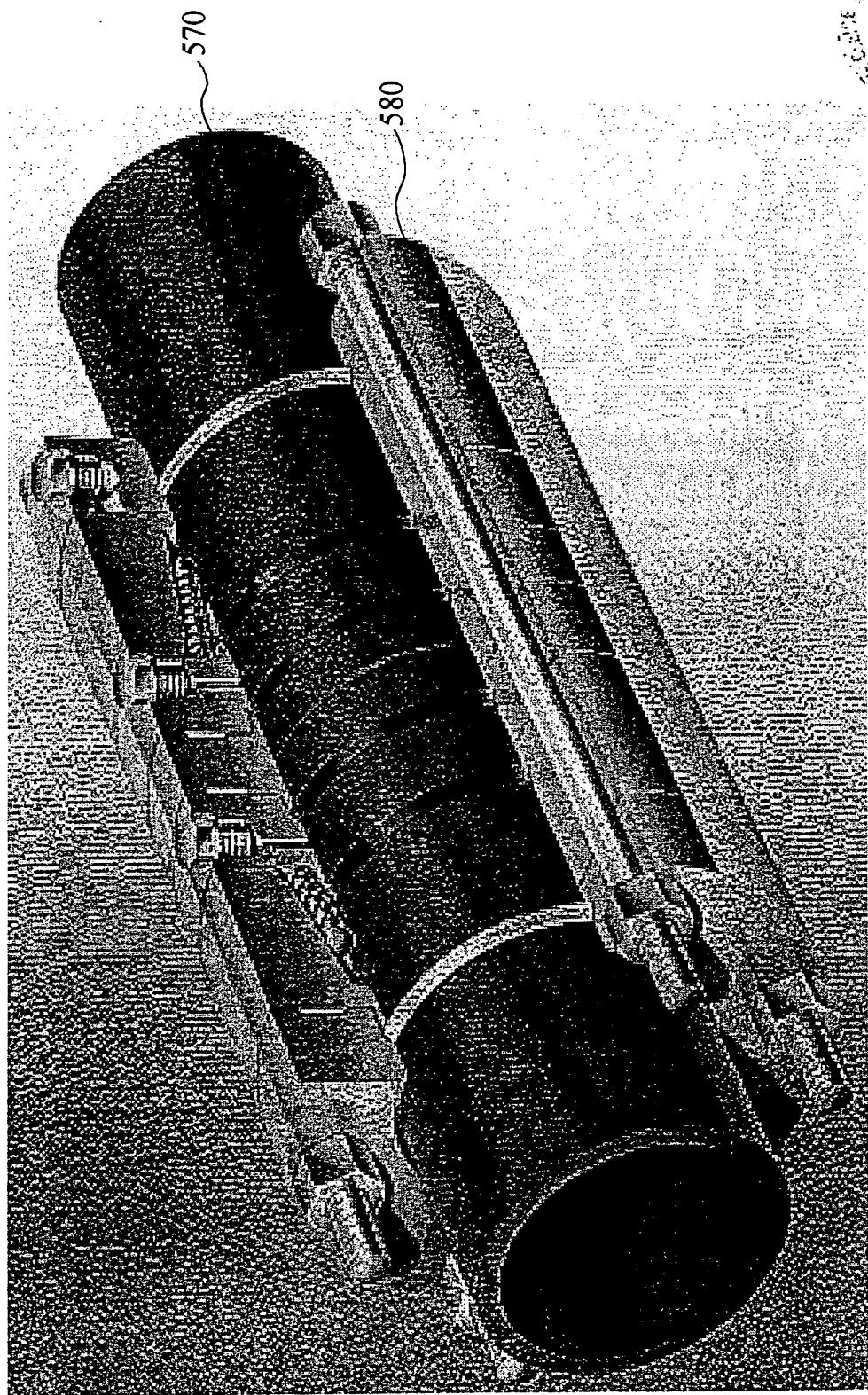


Fig. 46

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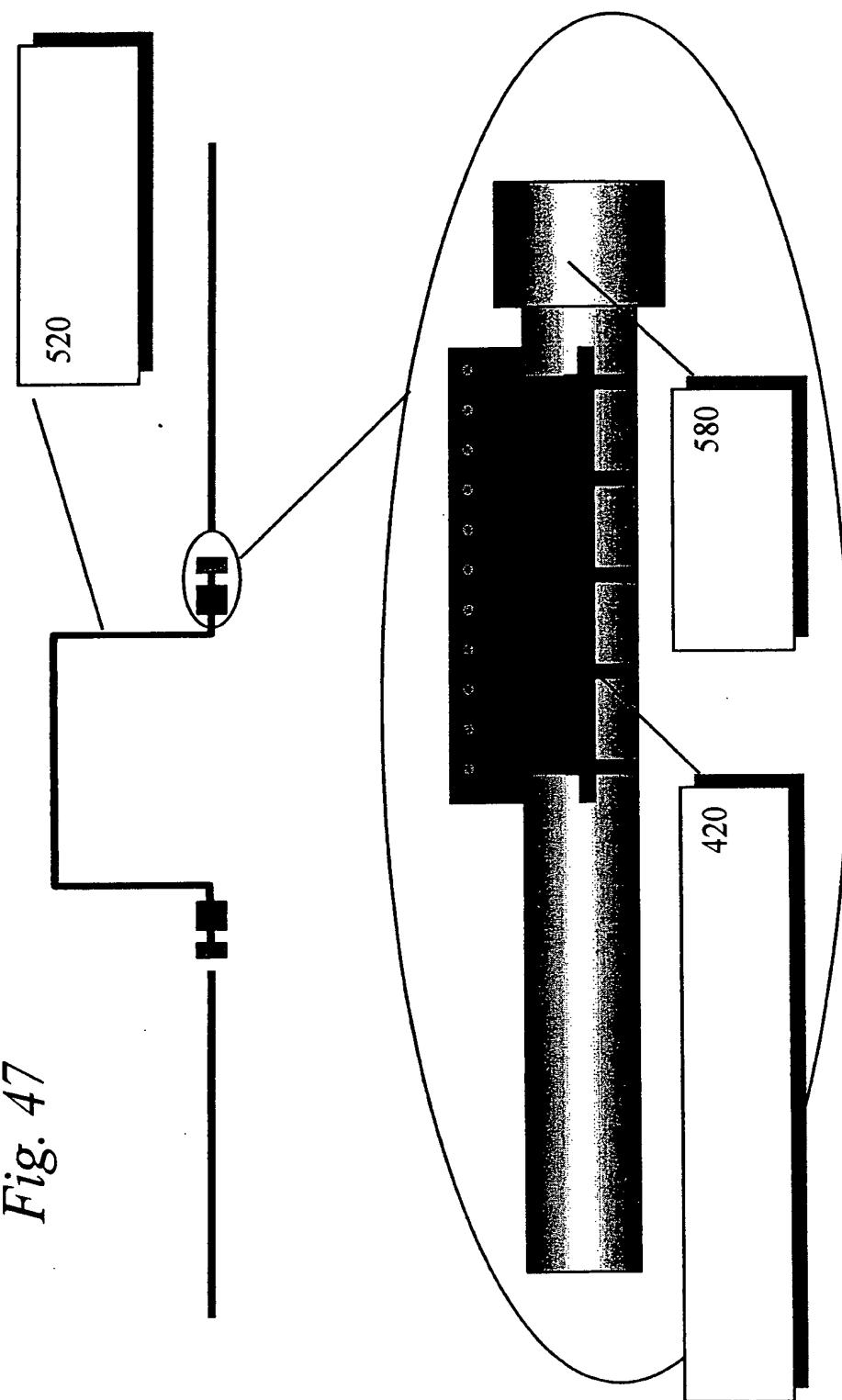
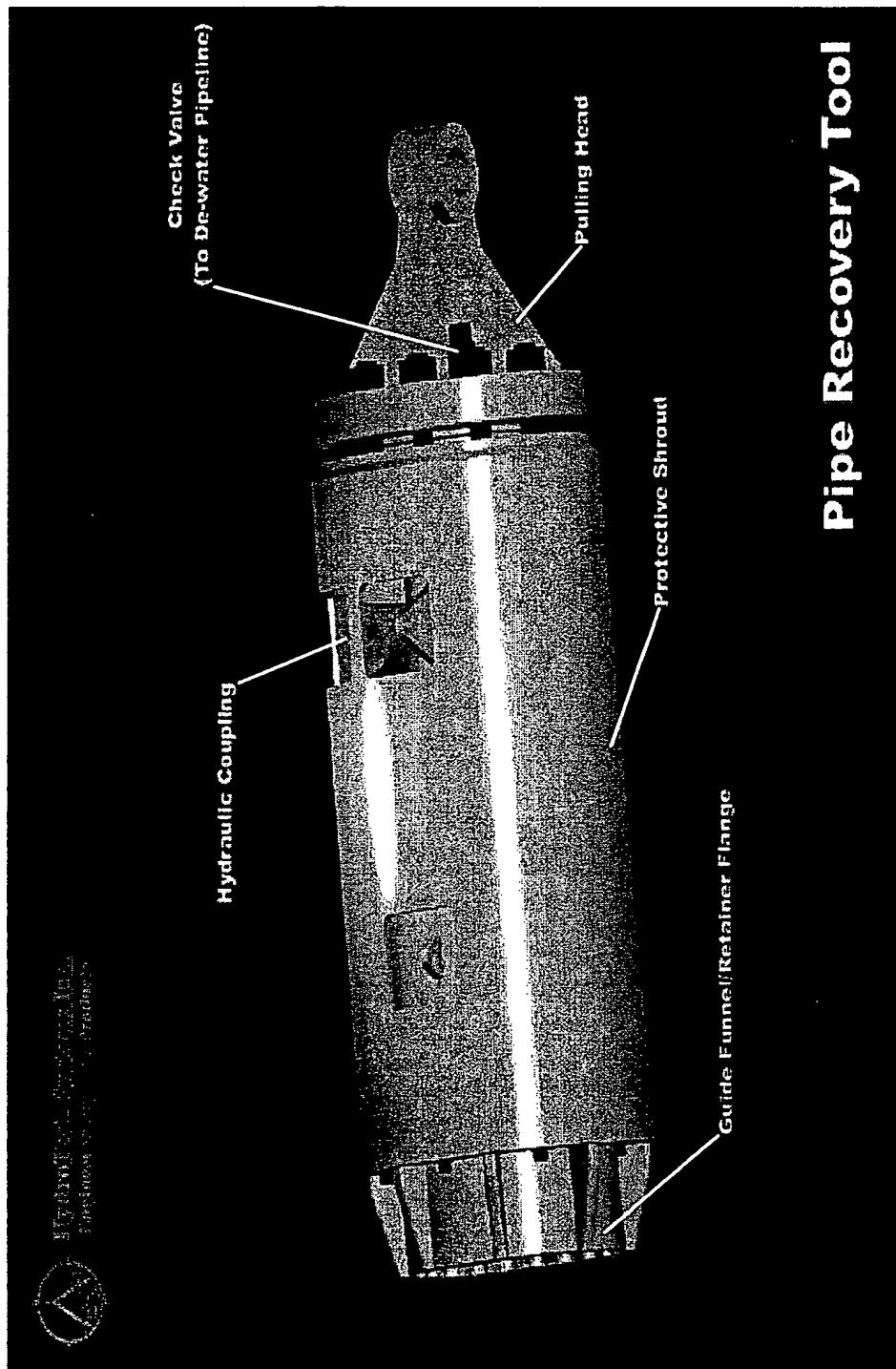


Fig. 47

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Pipe Recovery Tool

Fig. 48

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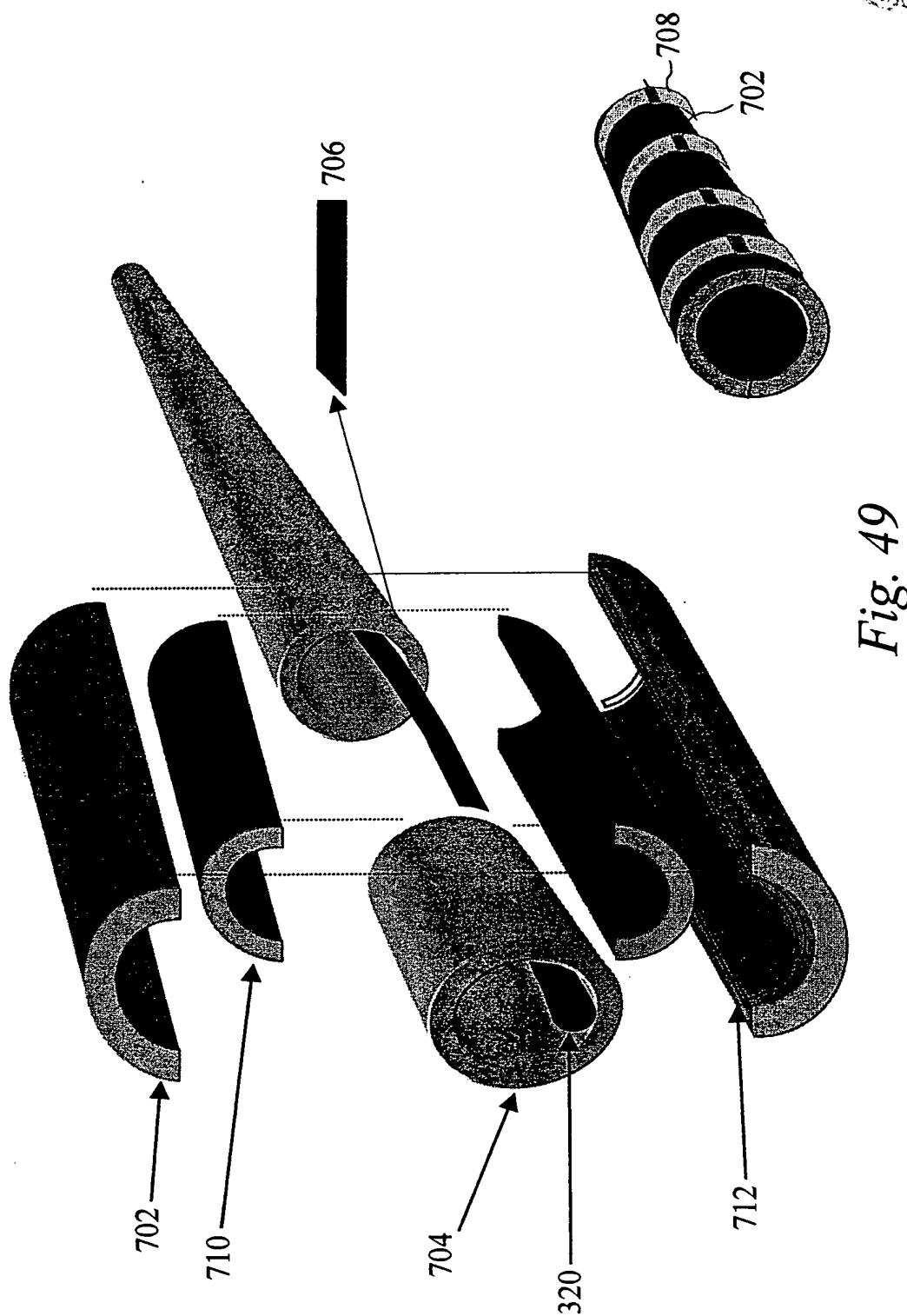


Fig. 49

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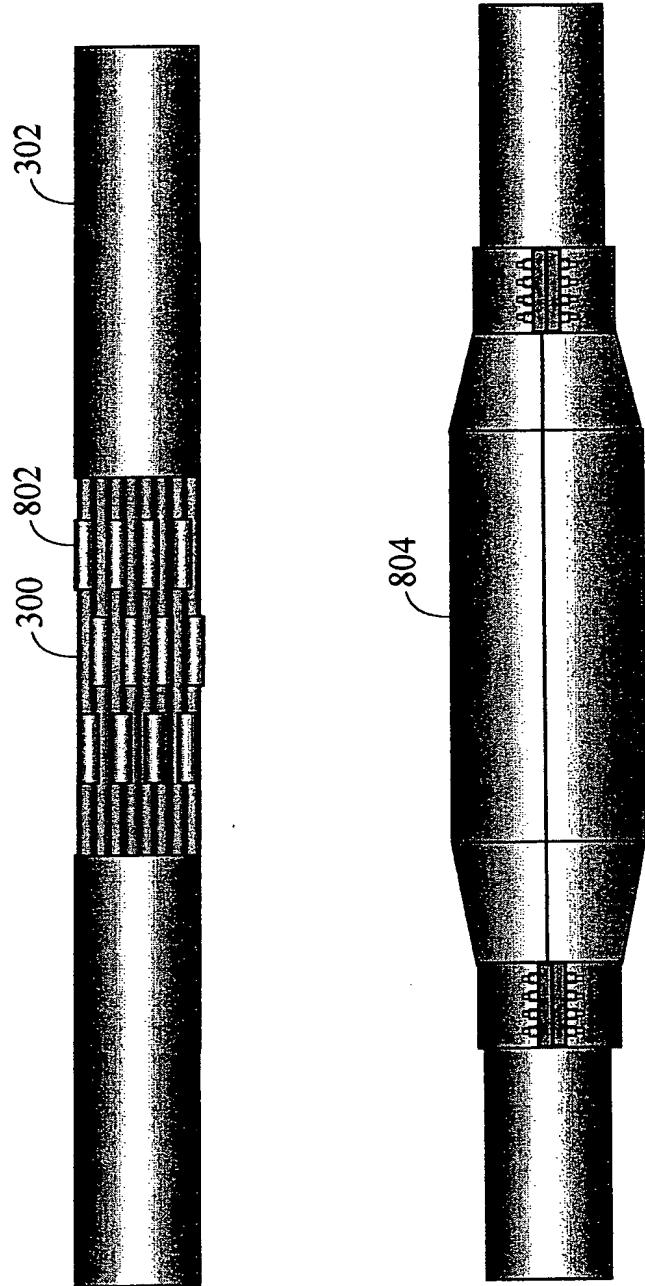


Fig. 50

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Fig. 51

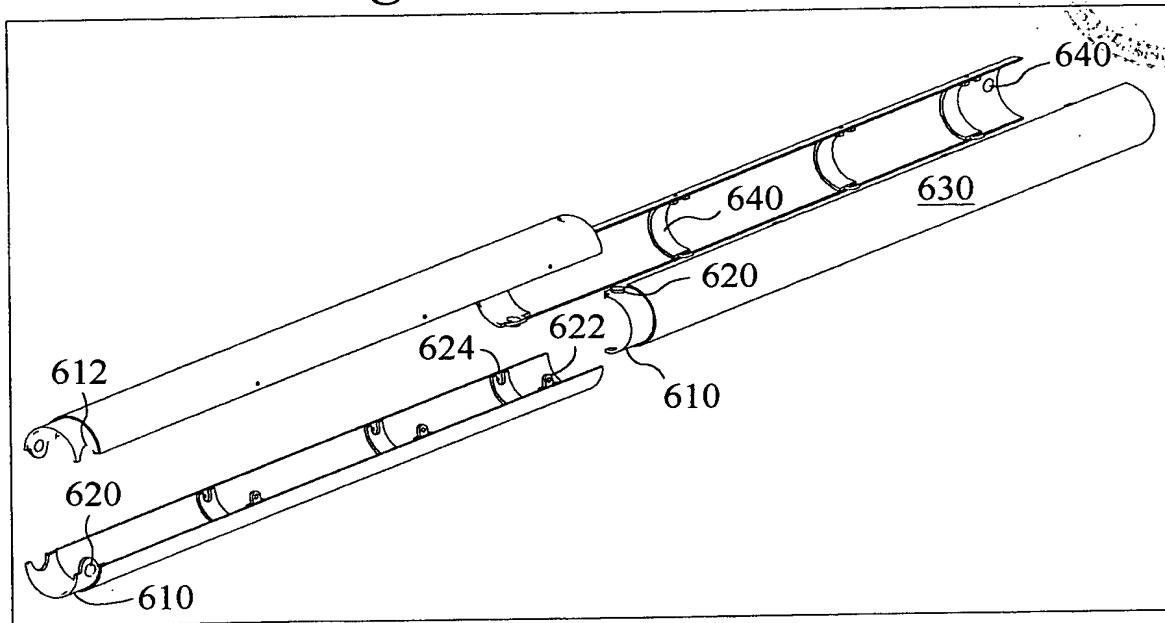
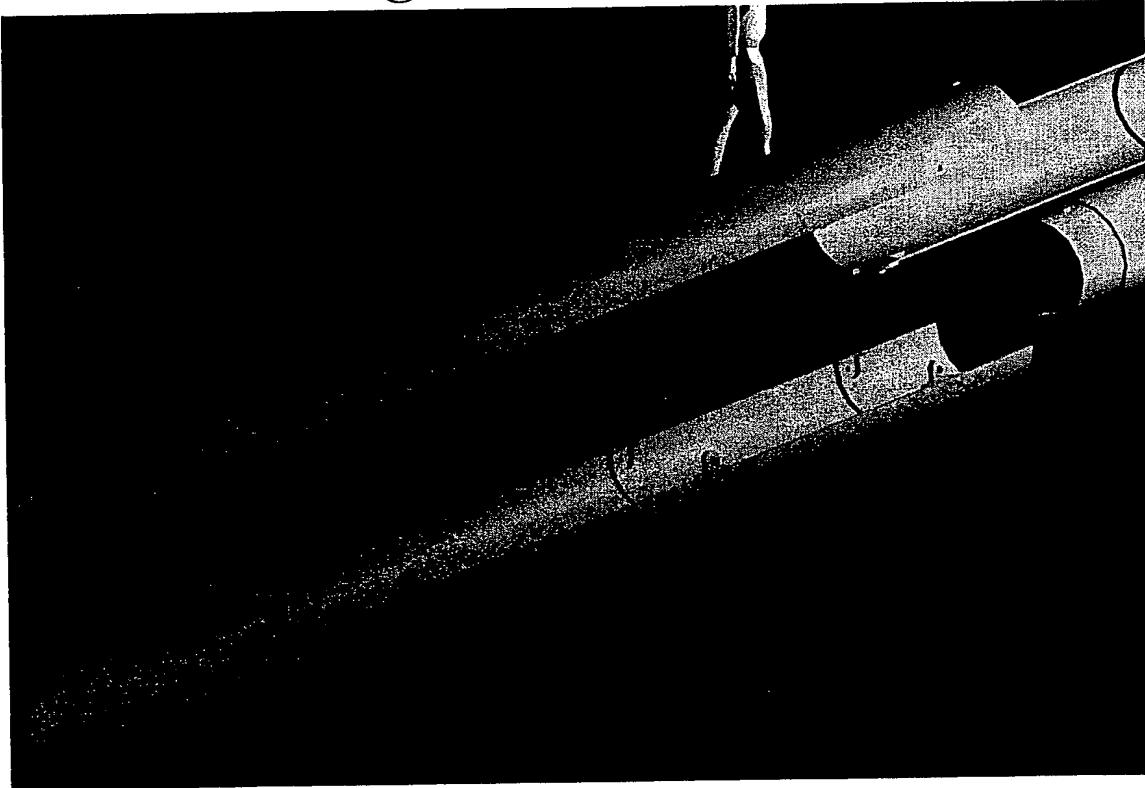


Fig. 52



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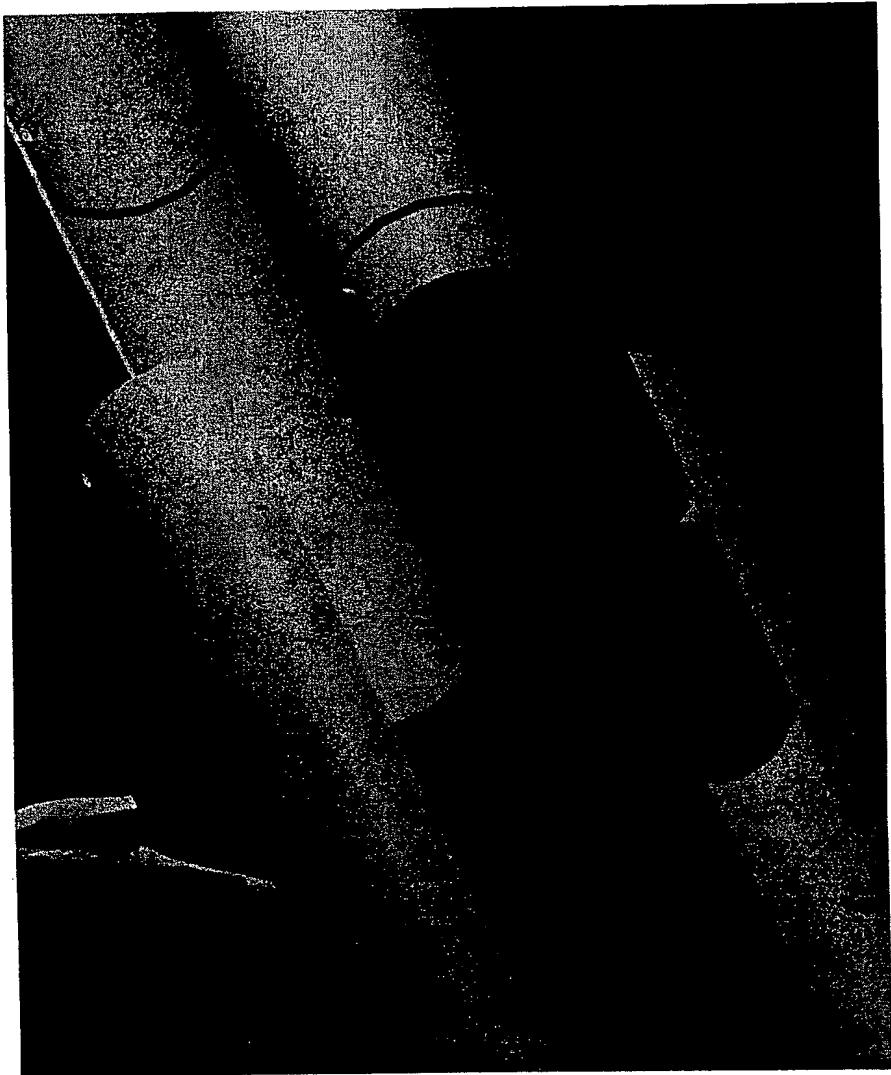


Fig. 53